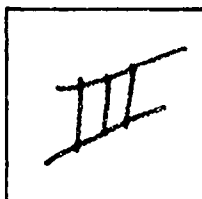


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Air Weather Service (MATS)

REVISED UNIFORM SUMMARY OF  
SURFACE WEATHER OBSERVATIONS

FUKUOKA KYUSHU JAPAN/ITAZUKE AB WBAN #43310  
N 33 35 E 130 27 ELEV 22 FT RJFF WMO #47808

PARTS A-F  
POR FROM HOURLY OBS SEP 46-JAN 47, MAY 47-DEC 64  
POR FROM DAILY OBS SEP 46-JAN 47, MAY 47-MAY 64

FEDERAL BUILDING  
ASHEVILLE, N. C.

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This technical report has been reviewed and is approved for publication.

*Wayne E. McCollom*

WAYNE E. MCCOLLOM, Chief  
Technical Information Section  
USAFETAC/TST

FOR THE COMMANDER

*Walter S. Burgmann*

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1. REPORT NUMBER USAFETAC/US-81/025	2. GOVT ACCESSION NO.	3. RECIPIENT'S CATALOG NUMBER
4. TITLE (and Subtitle) Revised Uniform Summary of Surface Weather Observations (RUSSWO)- ITAZUKE AB, FUKOKA KYUSHU, JAPAN		5. TYPE OF REPORT & PERIOD COVERED Final rept.
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17. DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)		
18. SUPPLEMENTARY NOTES		
19. KEY WORDS (Continue on reverse side if necessary and identify by block number) *RUSSWO      Daily temperatures      Atmospheric pressure Snowfall      Extreme snow depth      Extreme surface winds Climatology      Sea-level pressure      Psychrometric summary Surface Winds      Extreme temperature      Ceiling versus visibility Relative Humidity      *Climatological data      (over)		
20. ABSTRACT (Continue on reverse side if necessary and identify by block number) This report is a six-part statistical summary of surface weather observations for ITAZUKE AB, FUKOKA KYUSHU, JAPAN It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (daily amounts and extreme values); (C) Surface winds; (D) Ceiling versus Visibility; Sky Cover; (E) Psychrometric Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb (over)		

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19. Percentage frequency of distribution tables  
Dry-bulb temperature versus wet-bulb temperature  
Cumulative percentage frequency of distribution tables
20. and dew point temperatures and relative humidity); and (F) Pressure  
Summary (means, standard, deviations, and observation counts of  
station pressure and sea-level pressure). Data in this report are  
presented in tabular form, in most cases in percentage frequency of  
occurrence or cumulative percentage frequency of occurring tables.

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R E V I S E D

43310 Itanaka AB, Japan

### ADDITIONAL DATA LOCATOR

CL NUMBER	TYPE OF ADDITIONAL INFORMATION	LOCATION OF DATA
4362	Pressure Temperature Distribution	In CL File
4428	11.00 11.00 11.00 - High Level Wind Tabulation	In CL File
4465	11.00 11.00 11.00	In CL File
4433	Absolute MAX MIN AV Wind (MPH)	In CL File
454-87	CL 11.00 11.00 11.00	In CL File
5882	Mean S.L.P. and Mean Hourly departure of S.L.P. from Monthly Mean	In CL File
5854	Correlation of wind components	" "
6185	Ceiling Class - Mean Temperatures	In CL File
	" E Part rec'd	E File
6887	XTMS - X OF MR: DP TEMP + PRECIPABLE WTR	In CL File
7408	1 MIN. WINDS AND PEAK GUSTS	
7302	% FREQ OF SIM. CIG + VSBY	
CL 8036	Max Wind Speeds	CL File

**AWS HQ FORM 8-80**  
**JUL 87**

DATA PROCESSING DIVISION  
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ASHEVILLE, NORTH CAROLINA

# Revised UNIFORM SUMMARY of SURFACE WEATHER OBSERVATIONS

## DESCRIPTION OF SUMMARIES:

Preceding each section is a brief description of the data comprising each part of the revised Uniform Summary of Surface Weather Observations and the manner of presentation. Tabulations are prepared from hourly and daily observations recorded by stations operated by the U. S. Services and some foreign stations using similar reporting practices.

HOURLY OBSERVATIONS are defined as those record or record-special observations recorded at scheduled hourly intervals.

DAILY OBSERVATIONS are selected from all data recorded on reporting forms and combined into Summary of the Day observations. (Selected from record-special, local, summary of the day, remarks, etc.)

STANDARD 3-HOUR GROUPS All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: 0000-0200, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 hours local standard time.

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A

## PART A

## WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

1. By month and annual, all hours and years combined.
2. By month, all years combined, by standard 3-hour groups.

Occurrences of the various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle(glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet - Included are snow, sleet, snow pellets (soft hail), snow grains, and ice crystals.

Hail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the total columns.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combination of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources.)

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be

reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

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## WEATHER CONDITIONS

4331C FUKUOKA KYUSHU JAPAN/ITAZUKE AB 46-64 ALL  
STATION STATION NAME YEARS MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	ALL	.1	12.4		7.5	.0	19.6	7.8	27.6	.0		31.7	13390
FEB		.0	13.1		3.9	.1	16.7	8.7	30.6	.0	.0	35.3	11544
MAR		.2	14.4	.0	.9	.0	15.2	8.7	29.8		.0	33.9	12646
APR		.3	16.4		.0		16.5	11.0	31.5		.7	38.0	12240
MAY		.1	16.7				16.7	12.7	33.0		.0	40.6	13386
JUN		.4	19.6				19.6	12.1	39.2			45.9	12956
JUL		1.0	14.1				14.1	6.4	21.0			25.3	13377
AUG		1.4	9.9				9.9	5.3	21.0			24.2	15372
SEP		.5	14.0				14.0	9.9	23.0			29.6	13518
OCT		.1	8.8		.0		8.9	10.1	25.7			31.6	14128
NOV		.0	10.2		.0	.0	10.2	10.7	34.6	.0		39.9	13679
DEC		.0	11.2		1.5	.0	12.6	7.5	31.6			35.6	14132
TOTALS		.4	13.3	.0	1.1	.0	14.4	9.2	29.0	.0	.1	34.2	158368

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## WEATHER CONDITIONS

43310  
STATION

FUKUOKA KYUSHU JAPAN/ITA/UKA AB  
STATION NAME

47-64  
YEARS

JAN  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS  
FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	00-02	.1	12.6		6.6		18.9	8.9	25.5			30.6	1674
	03-05	.1	11.0		8.2	.1	20.1	9.3	24.6			30.0	1674
	06-08	.2	13.9		9.3		22.9	13.0	31.2	.1		37.3	1674
	09-11		13.0		9.4		22.0	9.4	31.8	.1		36.0	1674
	12-14	.2	11.5		8.8	.1	20.0	4.4	16.6	.1		19.2	1674
	15-17	.2	12.6		6.6	.1	18.7	3.8	16.7			19.0	1673
	18-20	.1	12.0		5.6		17.4	5.4	40.0	.1		42.9	1674
	21-23		11.9		5.1		16.7	8.0	34.5			38.4	1673
TOTALS		.1	12.4		7.5	.0	19.6	7.8	27.6	.0		31.7	13390



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## WEATHER CONDITIONS

43310  
STATION

FUKUOKA KYUSHU JAPAN/ITAZUKE AB  
STATION NAME

48-64  
YEARS

FEB  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS L.S.T.	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN AND/OR DRIZZLE	SNOW AND/OR SLEET	HALE	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
FEB	00-02	.1	12.8		3.6	.1	17.4	8.5	29.5			34.7	1443
	03-05	.1	15.2		3.9		18.9	9.4	24.7			31.0	1443
	06-08	.1	13.5		5.2	.1	18.4	16.8	37.5			44.8	1443
	09-11		12.4		5.1		17.2	9.5	34.2			38.5	1443
	12-14		1.1		4.2	.1	15.1	5.3	17.1	.1		20.2	1443
	15-17		13.0		3.5		16.2	5.7	18.6			21.7	1443
	18-20		13.0		2.8	.1	15.5	7.5	42.0	.1		46.3	1443
	21-23		12.7		2.8	.1	15.3	7.5	40.8		.1	45.0	1443
TOTALS		.0	13.1		3.9	.1	16.7	8.7	30.6	.0	.0	35.3	11544

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ASHEVILLE, N. C. 28861

## WEATHER CONDITIONS

43310  
STATION

FUKUOKA KYUSHU JAPAN/ITAZUKE AB  
STATION NAME

48-64  
YEARS

MAR  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAR	00-02	.2	15.7		.7		16.3	9.6	30.2			35.1	1580
	03-05	.4	15.8		1.1		16.8	11.8	26.9			33.7	1581
	06-08	.1	16.0		.9	.1	17.0	20.3	42.6			50.1	1581
	09-11		15.7		1.8	.1	17.3	9.0	31.6			35.3	1581
	12-14	.1	12.5		1.3		13.6	4.7	16.7			19.5	1581
	15-17		12.1	.1	.4		12.6	4.7	16.4		.1	19.2	1581
	18-20	.2	13.5		.6		14.0	4.4	36.4			38.3	1581
	21-23	.4	13.5		.4		13.9	4.7	37.5			39.7	1580
TOTALS		.2	14.4	.0	.9	.0	15.2	8.7	29.8		.0	33.9	12646

4  
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ASHEVILLE, N. C. 28801

## WEATHER CONDITIONS

43310  
STATION

FUKUOKA KYUSHU JAPAN/ITAZUKE AB  
STATION NAME

48-64  
YEARS

APR  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
APR	00-02	.3	14.8		.1		15.0	11.6	32.6		.6	38.8	1530
	03-05	.1	17.8				17.8	16.5	29.3		.5	39.0	1530
	06-08	.1	19.1		.1		19.2	24.0	44.1		.7	55.4	1530
	09-11	.3	17.4				17.4	9.0	28.2		.8	34.0	1530
	12-14	.3	15.2		.1		15.3	5.4	17.3		.9	21.6	1530
	15-17	.2	16.1		.1		16.2	5.8	18.8		.8	23.2	1530
	18-20	.6	16.4				16.4	7.7	39.1		.8	44.7	1530
	21-23	.5	14.5		.1		14.6	8.2	42.4		.8	47.8	1530
TOTALS		.3	16.4		.0		16.5	11.0	31.5		.7	38.0	12240

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## WEATHER CONDITIONS

43310  
STATION

FUKUOKA KYUSHU JAPAN/ITAZUKE AB  
STATION NAME

47-64  
YEARS

MAY  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAY	CC-02	.4	16.0				16.0	15.7	34.5			44.3	1672
	C3-C5	.1	18.2				18.2	20.3	35.8			47.3	1674
	C6-C8	.3	18.6				18.6	25.3	45.2			56.7	1673
	09-11	.1	16.7				16.7	9.0	29.4			35.2	1673
	12-14	.2	15.4				15.4	5.3	20.1		.2	24.1	1674
	15-17		16.2				16.2	5.5	21.0		.1	25.2	1673
	18-20		16.5				16.5	8.9	35.2			41.4	1673
	21-23		15.9				15.9	11.5	43.0			50.7	1674
TOTALS		.1	16.7				16.7	12.7	33.0		.0	40.6	13386

4  
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ETAC, USAF  
ASHEVILLE, N. C. 28801

## WEATHER CONDITIONS

43310 FUKUOKA KYUSHI JAPAN/ITAZUKA AB 47-64 JUN  
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS  
FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUN	C0-C2	.2	18.3				18.2	11.8	44.4			51.0	1620
	C3-C5	.3	20.4				20.4	20.6	43.3			53.6	1620
	C6-C8	.7	21.8				21.8	23.1	51.3			61.0	1620
	C9-11	.5	20.8				20.8	10.7	36.5			43.1	1620
	12-14	.6	19.4				19.4	6.6	26.0			30.9	1620
	15-17	.2	19.4				19.4	6.6	24.3			28.7	1616
	18-20	.2	19.4				19.4	8.7	40.2			45.9	1620
	21-23	.4	17.2				17.2	8.5	47.7			52.8	1620
TOTALS		.4	19.6				19.6	12.1	39.2			45.9	12956

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## WEATHER CONDITIONS

43310  
STATION

FUKUCKA KYUSHU JAPAN/ITAZUKE AB  
STATION NAME

47-64  
YEARS

JUL  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUL	00-02	.8	12.5				12.5	6.2	24.9			29.0	1674
	03-05	1.1	14.8				14.8	10.7	25.0			33.2	1673
	06-08	.6	14.6				14.6	13.0	30.0			37.7	1674
	09-11	.7	14.0				14.0	4.8	18.3			21.7	1674
	12-14	1.9	16.1				16.1	3.1	13.3			15.9	1672
	15-17	1.7	16.3				16.3	3.6	12.6			15.4	1670
	18-20	.8	14.3				14.3	5.3	19.9			22.9	1670
	21-23	.8	10.2				10.2	4.1	23.8			26.3	1670
TOTALS		1.0	14.1				14.1	6.4	21.0			25.3	13377

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## WEATHER CONDITIONS

43310

FUKUOKA KYUSHU JAPAN/ITAZUKE AB

47-64

AUG

STATION

STATION NAME

YEARS

MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
AUG	00-02	1.1	7.9				7.9	5.6	21.0			25.3	1674
	03-05	1.2	10.2				10.2	10.0	23.7			30.2	1673
	06-08	.4	9.9				9.9	14.3	37.5			43.4	1674
	09-11	.2	9.1				9.1	2.3	20.8			22.2	1674
	12-14	1.7	10.7				10.7	2.0	11.0			13.4	1672
	15-17	3.0	13.0				13.0	1.6	11.5			13.0	1666
	18-20	2.5	10.1				10.1	3.4	19.4			21.4	1668
	21-23	1.3	8.4				8.4	3.6	21.8			24.4	1671
TOTALS		1.4	9.9				9.9	5.3	21.0			24.2	13372

4  
DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

## WEATHER CONDITIONS

43310  
STATION

FUKUCKA KYUSHU JAPAN/ITAZUKE AB  
STATION NAME

46-64  
YEARS

SEP  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
SEP	00-02	.3	12.9				12.9	12.0	21.1			30.0	1687
	03-05	.5	15.0				15.0	15.4	22.3			33.6	1688
	06-08	.4	15.2				15.2	25.2	34.2			46.8	1688
	09-11	.4	13.7				13.7	5.5	22.0			25.6	1692
	12-14	.3	14.1				14.1	2.8	12.5			14.7	1692
	15-17	.5	15.3				15.3	4.1	15.7			19.0	1691
	18-20	.8	14.3				14.3	6.1	30.1			34.3	1690
	21-23	.5	12.1				12.1	8.2	25.9			32.5	1690
TOTALS		.5	14.0				14.0	9.9	23.0			29.6	13518



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## WEATHER CONDITIONS

43310 FUKUGKA KYUSHU JAPAN/ITAZUKE AB  
STATION

46-64

YEARS

OCT  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
OCT	00-02	.1	9.1		.1		9.1	12.1	24.2			33.3	1767
	03-05	.1	9.4		.2		9.6	15.7	22.9			34.2	1767
	06-08	.1	9.2		.2		9.4	28.5	37.9			49.2	1767
	09-11	.1	8.6				8.6	7.2	28.1			32.0	1766
	12-14	.1	7.8				7.8	2.3	10.9			12.6	1764
	15-17	.3	9.2				9.2	2.1	12.9			14.3	1765
	18-20	.1	9.0				9.0	4.5	35.5			38.6	1767
	21-23	.1	8.3				8.3	8.0	33.0			38.6	1765
TOTALS		.1	8.8		.0		8.9	10.1	25.7			31.6	14128

DATA PROCESSING DIVISION  
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## WEATHER CONDITIONS

43310  
STATION

FUKUOKA KYUSHU JAPAN/ITAZUKE AB  
STATION NAME

46-64  
YEARS

NOV  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
NOV	00-02		9.3		.1		9.4	13.5	34.9			42.4	1710
	03-05		10.0				10.0	15.6	28.9			37.3	1710
	06-08		10.9				10.9	24.0	40.9			49.4	1710
	09-11		10.4		.1		10.5	9.0	36.2			39.4	1709
	12-14		9.5				9.5	2.7	14.6			16.6	1710
	15-17	.1	10.6				10.6	3.8	18.7			21.2	1710
	18-20	.1	11.0			.1	11.0	6.2	54.3	.1		58.3	1710
	21-23		9.6				9.6	10.9	48.5			55.0	1710
TOTALS		.0	10.2		.0	.0	10.2	10.7	34.6	.0		39.9	13679

4  
DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

## WEATHER CONDITIONS

43310 FUKUOKA KYUSHU JAPAN/ITAZUKE AB 46-64 DEC  
STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS  
FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
DEC	00-02		10.9		1.4		12.3	8.6	29.0			34.2	1765
	03-05		11.3		1.3	.1	12.5	10.0	25.0			31.1	1765
	06-08		11.3		2.2		13.2	15.5	34.7			40.5	1767
	09-11		10.4		2.2		12.5	8.3	37.4			40.6	1767
	12-14		11.1		1.4		12.4	1.9	16.2			17.3	1767
	15-17	.1	11.3		1.0		12.2	2.2	19.1			20.2	1767
	18-20	.2	10.9		1.0		11.7	5.2	50.3			54.2	1767
	21-23		12.7		1.2		13.8	8.1	41.2			46.5	1767
TOTALS		.0	11.2		1.5	.0	12.6	7.5	31.6			35.6	14132

## PART A

## ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrences of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these tabulations. However, it should be noted that in this summary the columns headed, "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual columns may not equal the total columns.

This presentation is by month with annual totals, and is prepared with all years combined.

NOTE: A day with rain and/or drizzle was not separately reported in WBAN data prior to January 1949. Therefore percentages in this column are restricted to the period January 1949 and later.

A day with dust and/or sand was punched and included in this summary only when visibility was less than 5/8 mile.

DATA PROCESSING DIVISION  
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## WEATHER CONDITIONS

43310

FUKUOKA KYUSHU JAPAN/ITAZUKE AB

46-64

ALL

STATION

STATION NAME

YEARS

MONTH

### PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA FROM DAILY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	DAILY	1.8	56.0		31.9	.9	73.7	32.8	70.3	.9		74.7	558
FEB		1.5	54.9		20.4	1.7	64.9	37.4	77.5	.4		82.3	481
MAR		2.5	55.0		6.6	.4	57.1	40.8	80.8			83.5	527
APR		2.9	55.8		.8		55.5	47.4	85.5	.2	.2	89.4	510
MAY		1.6	54.8				53.8	52.0	86.0			91.8	558
JUN		4.3	60.2				58.8	46.7	86.3			91.8	510
JUL		14.8	59.8			.2	61.3	32.8	63.4			70.0	527
AUG		16.1	51.4				50.3	34.9	67.4			72.9	527
SEP		8.3	59.6				56.5	52.3	75.4			85.0	533
OCT		1.3	41.9				41.4	54.5	79.4			86.6	558
NOV		.6	45.6		1.1	.2	45.2	49.4	87.4			90.0	540
DEC		.7	57.4	.2	10.2	1.1	63.3	38.4	83.2	.2		85.3	558
TOTALS		4.6	54.4	.0	5.9	.4	56.7	43.3	78.5	.1	.0	83.6	6387

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE (MATS)  
ASHEVILLE, NORTH CAROLINA

## PART B            PRECIPITATION, SNOWFALL & SNOW DEPTH

B

of the following:

PRECIPITATION

DERIVED FROM DAILY OBSERVATIONS

SNOWFALL

DERIVED FROM DAILY OBSERVATIONS

SNOW DEPTH

DERIVED FROM DAILY OBSERVATIONS

1. The first table for each of the above presents the percentage frequency of various daily amounts, by month and annual, all years combined. The percentage of days with measurable amounts is also computed monthly and annually. Also shown for the precipitation and snowfall tables, are the monthly mean amounts, annual mean amounts (sum of monthly mean amounts), and the extreme monthly amounts (greatest and least). The latter statistics above are not presented for the snow depth summary since they would have limited use and may be misleading.
2. The second set of tables for each of the above presents the extreme daily amounts by individual year and month for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months). The extremes for a month are not printed nor used in computations if one or more observations are missing.

NOTE: Snow depth was recorded and punched at various hours during the period available from U. S. operated stations. The periods and hours used in the snow depth summary vary by service and period as follows:

Air Force Stations	From beginning of record thru 1945	Snow depth at 0800 LST
	Jan 46-May 57	Snow depth at 1230 GCT
	Jun 57-present	Snow depth at 1200 GCT
US Navy and Weather Bureau Stations	From beginning of record thru Jun 52	Snow depth at 0030 GCT
	Jul 52-May 57	Snow depth at 1230 GCT
	Jun 57-present	Snow depth at 1200 GCT

\*HAIL WAS INCLUDED IN SNOWFALL OCCURRENCE IN THE  
SUMMARY OF THE DAY OBSERVATION PRIOR TO JAN 1986.

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

## DAILY AMOUNTS

PERCENTAGE FREQUENCY OF  
PRECIPITATION  
(FROM DAILY OBSERVATIONS)

43310 FUKUOKA KYUSHU JAPAN/ITAZUKE AB 46-64

STATION

STATION NAME

YEARS

PRECIP	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000			MEAN	GREATEST	LEAST
SNOW-FALL	NONE	TRACE	01-04	05-14	15-24	25-34	35-44	45-54	55-104	105-154	155-254	255-504	OVER 504					
SNOW- DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	26.7	24.0	5.6	12.0	8.1	10.2	8.1	3.9	1.3	.2				49.3	558	3.23	6.68	1.25
FEB	35.1	22.0	2.7	10.8	7.1	9.1	5.8	5.2	1.9	.2				42.8	481	3.36	8.91	.63
MAR	42.7	16.4	2.7	9.1	4.7	9.9	7.0	4.7	1.9	.4				40.4	527	3.67	8.04	.83
APR	46.2	15.4	2.5	6.5	3.7	7.3	7.3	6.9	3.3	.6	.2			38.3	480	5.14	13.71	1.85
MAY	46.1	11.1	2.2	5.7	5.2	10.9	7.2	5.9	4.5	1.3				42.8	558	6.11	16.58	2.02
JUN	41.0	15.1	4.7	4.1	3.3	7.3	5.7	6.0	7.3	2.5	.1	.4		43.9	510	10.92	42.16	2.58
JUL	38.7	17.8	2.7	6.5	3.8	7.4	4.6	6.6	8.0	3.6	.4			43.5	527	10.95	21.17	.39
AUG	49.5	13.3	2.7	5.5	4.9	6.8	4.4	6.8	4.4	1.1	.6			37.2	527	6.74	14.20	1.35
SEP	40.6	15.9	3.7	6.5	3.7	7.3	7.1	6.5	6.5	2.0	.4			43.5	510	8.47	16.40	2.77
OCT	58.1	13.1	2.8	6.6	4.9	4.9	3.8	2.8	2.3	.4	.2			28.8	527	3.25	10.40	.58
NOV	54.8	13.0	3.0	5.2	3.9	7.6	6.1	4.8	1.7					32.2	540	2.90	7.02	.83
DEC	36.6	22.2	4.1	8.6	5.6	10.9	6.3	4.3	1.4					41.2	558	2.98	5.92	.42
ANNUAL	43.0	16.7	3.3	7.3	4.9	8.3	4.1	5.5	3.7	1.0	.2	.0		40.3	6303	67.81		

## EXTREME VALUES

43310	FUKUOKA KYUSHU JAPAN/ITAZUKI AB	46-64
STATION	STATION NAME	

24 HOUR AMOUNTS IN INCHES

[illegible]1210 WS FORM 0-88-S (Det 50)  
JUL 66



DATA PROCESSING DIVISION  
ETAG, USAF  
ASHEVILLE, N. C. 28801

## DAILY AMOUNTS

PERCENTAGE FREQUENCY OF  
SNOWFALL  
(FROM DAILY OBSERVATIONS)

43110 FUKUOKA KYUSHU JAPAN/ITAFUKE AB 46-64

STATION

STATION NAME

YEARS

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	01	02 03	06 10	11 25	26 30	31 100	101 2 50	2 51 5 00	5 01 10 00	10 01 20 00	OVER 20 00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0 1 0 4	0 5 1 4	1 5 2 4	2 5 3 4	3 5 4 4	4 5 6 4	6 5 10 4	10 5 15 4	15 5 25 4	25 5 50 4	OVER 50 4					
SNOW DEPTH	NONE	TRACE	1	2	3	4 6	7 12	13 24	25 36	37 48	49 60	61 120	OVER 120					
JAN	68.6	23.5	2.9	3.6	.4	.4		.5		.2			1.5	7.9	358	3.1	19.3	.0
FEB	80.6	14.6	2.5	.8	1.2		.4		.4				2.0	5.4	481	2.4	11.9	.0
MAR	94.1	5.5	.2	.2										.4	527	.1	.6	.0
APR	99.4	.6													510	TRACE	TRACE	.0
MAY	100.0														558	.0	.0	.0
JUN	100.0														510	.0	.0	.0
JUL	100.0														527	.0	.0	.0
AUG	100.0														527	.0	.0	.0
SEP	100.0														510	.0	.0	.0
OCT	100.0														558	.0	.0	.0
NOV	98.9	1.1													540	TRACE	TRACE	.0
DEC	90.5	8.8	.2	.2	.4								0.4	.7	558	.3	3.3	.0
ANNUAL	94.3	4.5	.5	.4	.2	.0	.0	.0	.0	.0				1.2	6364	5.8		

## EXTREME VALUES

<u>43310</u>	<u>FUKUOKA KYUSHU JAPAN/ITAZUKE AB</u>	<u>46-64</u>
STATION	STATION NAME	

24 HOUR AMOUNTS IN INCHES

NO 51105

1210 WS FORM 0-88-5 (Det 50)  
JUL 64

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

# DAILY AMOUNTS

PERCENTAGE FREQUENCY OF  
SNOWDEPTH  
(FROM DAILY OBSERVATIONS)

43310  
STATION

FUKUOKA KYUSHU JAPAN/ITAZUKE AB  
STATION NAME

46-64  
YEARS

PRECIP	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01 0.4	0.5 1.4	1.5 2.4	2.5 3.4	3.5 4.4	4.5 6.4	6.5 10.4	10.5 15.4	15.5 25.4	25.5 50.4	OVER 50.4					
SNOW- DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	92.5	5.7	.9	.7		.2								1.8	558			
FEB	96.9	2.3	.6		.2									.8	481			
MAR	100.0														527			
APR	100.0														510			
MAY	100.0														558			
JUN	100.0														510			
JUL	100.0														527			
AUG	100.0														527			
SEP	100.0														510			
OCT	100.0														558			
NOV	100.0														540			
DEC	99.3	.5	.2											.2	558			
ANNUAL	99.0	.7	.1	.1	.0	.0								.2	6364			

## EXTREME VALUES

43310	FUKUOKA KYUSHU JAPAN/ITAZUKE AB	46-64
STATION	STATION NAME	

DAILY SNOWDEPTH IN INCHES

[illegible]

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE (MATS)  
ASHEVILLE, NORTH CAROLINA

## PART C

## SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through 1963, and in tens of degrees starting in January 1964. When 90% or more of the daily observations of peak gust wind data are available for a month, the extreme is selected and printed. These values are then used to compute means and standard deviations for the entire period. Every month of a year must have valid observations present before the ALL MONTHS value is selected for that year. Means and standard deviations are computed when four or more values are present for any column. C

NOTE: According to Circular N specifications, "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both direction and speed, and in addition the mean wind speed for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VAREL.

- a. Three tables are prepared for all surface winds included, and for all years combined as follows:

- (1) Annual - all hours combined
- (2) By month - all hours combined
- (3) By month - by standard 3-hour groups

- b. A separate annual table is also presented for surface winds meeting the following ceiling and visibility conditions: INSTRUMENT CLASS: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

STATION NO: 43310	STATION NAME: FUKUOKA KYUSHU JAPAN/ITAZUKE AB	LATITUDE: N 33 35	LONGITUDE: E 130 27	BAROMETER ELEV FT 22	CALL SIGN: RJFF	WMO NO: 47808
STATION HISTORY AND WIND EQUIPMENT INFORMATION						
DATE OF CHANGE	TYPE OF STATION CHANGE	WIND EQUIPMENT LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HEIGHT ABOVE GROUND	
Sep 1946	Itazuke AAB AAF Wea Sta Det 162	Not available	N/A	N/A	N/A	
12-31-47	Itazuke AFB Det 20-6	Not available	N/A	N/A	N/A	
12-31-49	Itazuke AB Det 20-6	Not available	N/A	N/A	N/A	
4-2-53	Det 6 20 Wea Sq	Between E taxiway and runway	AN/GMQ-1	ML204B	Surface	
4-14-54	No change	No change	No change	No change	15 Ft	
4-4-57	Det 9 15 Wea Sq	On top of observing site	No change	No change	20 Ft	
4-1-58	No change	At observation site	No change	No change	25 Ft	
12-4-58	Det 37 30 Wea Sq	No change	No change	No change	No change	
3-2-59	No change	Located in Base Weather Station	AN/GMQ-11	RO-2	No change	
4-6-60	Det 10 10 Wea Gp	No change	No change	No change	No change	
4-4-61	Det 11 1 Wea Wg	No change	No change	No change	No change	
12-3-62	No change	#1 - 250 Ft W of active runway 15 at the 2500 Ft marker #2 - 250 Ft W of active runway 33 at the 1500 Ft marker	No change No change	No change No change	14 Ft 14 Ft	
6-30-64	Det 11 20 Wea Sq	No change	No change	No change	No change	

1210 WS FORM 0-64A (Det 50)

## EXTREME VALUES

43310	FUKUOKA KYUSHU JAPAN/ITAZUKE AB	58-64
STATION	STATION NAME	

DAILY PEAK GUSTS IN KNOTS

[illegible]1210 WS FORM 0-88-5 (Det 50)  
JUL 44

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43310 STATION FUKUOKA KYUSHU JAPAN/ITAZUKE AB 46-64 YEARS ALL MONTH ALL HOURS (LST)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	2.2	2.3	1.2	.1	.0	.0	.0				6.8	7.4
NNE	.7	1.1	1.0	.4	.0	.0			.0			3.3	6.6
NE	1.1	1.4	.9	.2	.0	.0	.0					3.6	5.5
ENE	.5	.5	.4	.1	.0	.0	.0	.0		.0		1.6	5.8
E	.9	.7	.4	.1	.0		.0	.0				2.1	5.0
ESE	.8	.6	.4	.1	.0	.0						1.9	5.2
SE	2.8	3.5	3.0	1.1	.1	.0	.0	.0				10.4	6.2
SSE	2.6	4.1	3.4	1.3	.1	.0	.0	.0				11.6	6.5
S	2.1	2.9	1.8	.8	.1	.0	.0	.0				7.8	6.2
SSW	.5	.6	.4	.2	.0	.0	.0					1.8	6.1
SW	.5	.6	.3	.1	.0	.0	.0	.0				1.6	5.5
WSW	.2	.4	.4	.2	.0	.0						1.2	6.9
W	.4	.8	1.2	.9	.1	.0	.0	.0		.0		3.5	8.7
WNW	.4	.8	1.5	1.5	.3	.1	.0					4.6	10.0
NW	.8	2.2	3.3	1.9	.2	.0	.0	.0				8.4	8.4
NNW	.7	1.8	2.7	1.3	.1	.0	.0	.0				6.5	8.0
VARBL													
CALM												23.3	
	16.2	24.2	23.4	11.4	1.3	.2	.0	.0	.0	.0		100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 158379



DATA PROCESSING DIVISION  
ETAC, USAF  
ASPEVILLE, N. C. 28801

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43310 FUKUOKA KYUSHU JAPAN/ITAZUKE AB 47-64 JAN  
STATION STATION NAME YEARS  
ALL WEATHER  
CLASS  
CONDITION  
MONTH  
ALL  
HOURS (LST)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.4	1.5	1.2	.1	.0						4.7	8.4
NNE	.5	.8	.8	.2	.0							2.3	6.5
NE	.7	1.0	.5	.1								2.3	5.2
ENE	.5	.3	.2	.1								1.1	5.0
E	.6	.5	.2	.0								1.4	4.4
ESE	.7	.6	.2	.1	.0							1.5	4.9
SE	2.5	3.9	3.1	1.0	.1	.0						10.5	6.2
SSE	2.4	5.4	4.1	.8	.0	.0					30.8	12.7	6.1
S	1.9	3.4	1.9	.4	.0	.0						7.6	5.6
SSW	.6	.7	.3	.1		.0						1.8	5.1
SW	.6	.9	.5	.1								2.1	5.4
WSW	.3	.7	.9	.4	.0	.0						2.3	7.7
W	.3	1.2	2.5	2.9	.6	.1						7.6	10.5
WNW	.3	1.1	3.2	5.4	1.5	.4	.0				30.8	11.9	12.1
NW	.4	1.5	3.4	4.9	.9	.2	.0					11.3	11.0
NNW	.3	.8	1.8	1.6	.3	.0						4.8	9.9
VARBL													
CALM												14.1	
	13.1	24.2	24.9	19.3	3.5	.8	.0					100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 13390

4  
DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

5  
SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

43310  
STATION

FUKUCKA KYUSHU JAPAN/ITAZUKE AB  
STATION NAME

48-64  
YEARS

FEB  
MONTH

ALL WEATHER  
CLASS

ALL  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	2.0	2.0	1.0	.0	.0						6.0	7.3
NNE	.7	1.2	1.2	.5	.0							3.6	6.8
NE	1.1	2.0	1.2	.3								4.6	5.6
ENE	.5	.5	.3	.1								1.4	5.2
E	.7	.6	.2	.1	.0							1.6	4.8
ESE	.6	.6	.2	.1	.0							1.5	4.6
SE	2.6	3.7	1.8	.9	.1							9.0	5.7
SSE	2.4	5.1	3.0	.7	.1							11.3	5.9
S	1.6	3.3	1.8	.7	.1	.0	.0					7.6	6.2
SSW	.4	.8	.3	.0	.0							1.5	5.1
SW	.5	1.0	.5	.1								2.2	5.6
WSW	.2	.5	.6	.4	.0							1.8	7.8
W	.4	1.1	1.9	1.7	.3	.1						5.4	9.6
WNW	.4	1.0	2.3	3.1	.6	.2	.0					7.5	10.9
NW	.5	2.0	3.8	3.9	.5	.0						10.7	9.9
NNW	.6	1.5	2.6	2.2	.1							7.0	9.0
VARBL													
CALM												17.3	
	14.1	26.9	23.8	15.8	1.8	.3	.0					100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 11544

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43310 STATION FUKUOKA KYUSHU JAPAN/ITAZUKE AB STATION NAME 48-64 YEARS MAR MONTH ALL HOURS (LST)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	2.4	3.2	2.1	.2	.0	.0					9.0	8.1
NNE	1.0	1.5	1.7	.8	.0							5.1	7.1
NE	1.2	1.5	1.1	.2								4.0	5.5
ENE	.6	.5	.3	.0								1.4	4.8
E	.8	.5	.3	.1	.0							1.6	4.6
ESE	.6	.4	.3	.1	.0							1.5	5.3
SE	2.3	2.4	2.1	1.3	.1							8.2	6.5
SSE	2.1	3.4	2.5	1.2	.1	.0						9.4	6.6
S	1.8	2.7	1.5	.8	.0	.0						6.8	6.1
SSW	.4	.4	.2	.1		.0						1.2	5.8
SW	.5	.5	.3	.2	.0							1.5	5.8
WSW	.2	.5	.5	.3	.1							1.5	7.8
W	.4	.8	1.7	1.6	.2	.1	.0					4.6	9.6
WNW	.3	.8	1.8	2.1	.5	.1	.0					5.6	10.6
NW	.7	1.7	3.6	2.8	.2							9.1	9.0
NNW	.9	2.0	3.2	1.9	.1	.0	.0					8.0	8.2
VARBL													
CALM												21.6	
	14.7	22.0	24.3	15.5	1.5	.3	.0					100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 12648

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43310 STATION FUKUCKA KYUSHU JAPAN/ITAZUKI AB 48-64 YEARS APR MONTH ALL HOURS (L.S.T.)  
ALL WEATHER CLASS  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	2.6	3.2	1.8	.0							8.8	7.6
NNE	.8	.9	1.0	.3	.0							3.1	6.3
NE	1.0	.9	.5	.1								2.5	4.8
ENE	.5	.4	.3	.1								1.2	5.3
E	.8	.5	.1	.0								1.4	4.3
ESE	.7	.6	.5	.3	.0	.0						2.0	6.4
SE	2.1	2.7	3.0	1.8	.2	.0						9.8	7.3
SSE	1.9	3.3	3.4	2.2	.3	.1					27.5	11.2	7.7
S	1.8	2.1	1.4	1.1	.2	.0	.0					6.5	6.9
SSW	.5	.5	.3	.2	.0	.0						1.5	6.4
SW	.6	.4	.3	.1	.0							1.4	5.2
WSW	.3	.4	.3	.1	.0	.0						1.0	6.2
W	.6	1.1	1.2	.8	.1	.0						3.8	7.9
WNW	.5	.9	1.6	1.3	.2	.0	.0					4.7	9.2
NW	1.0	2.8	4.0	1.5	.1							9.4	7.6
NNW	.7	2.4	3.1	1.4	.1						25.7	7.6	7.8
VARBL													
CALM												24.1	
	14.9	22.2	24.0	13.1	1.3	.2	.0					100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 12238

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43310 FUKUOKA KYUSHU JAPAN/ITAZUKE AB 47-64 MAY  
STATION STATION NAME YEARS MONTH  
ALL WEATHER  
CLASS  
CONDITION  
ALL  
HOURS (LST)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.9	2.1	.8	.1							5.9	7.1
NNE	.7	.7	.5	.2	.0							2.1	6.1
NE	1.1	1.0	.6	.1	.0							2.9	5.1
ENE	.6	.5	.4	.1								1.7	5.4
E	1.0	.9	.5	.1								2.4	5.0
ESE	.9	.6	.6	.1								2.3	5.1
SE	2.6	2.8	2.8	1.2	.1	.0						9.5	6.4
SSE	2.7	3.4	3.4	1.7	.1	.0						11.4	6.8
S	2.0	2.2	1.7	1.1	.2	.0						7.1	6.6
SSW	.5	.5	.3	.3	.0							1.6	6.6
SW	.6	.5	.2	.1								1.4	4.7
WSW	.4	.3	.3	.1								1.1	5.9
W	.6	1.1	1.2	.6	.0	.0						3.5	7.3
WNW	.6	1.0	1.6	1.0	.1							4.3	8.3
NW	1.3	2.8	4.1	1.4	.1							9.7	7.4
NNW	1.0	2.7	3.4	1.0	.1	.0						8.2	7.2
VARBL													
CALM												25.1	
	17.4	22.9	23.6	10.1	.7	.1						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 13389

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43310  
STATION

FUKUOKA KYUSHU JAPAN/ITAZUKE AB  
STATION NAME

47-64  
YEARS

JUN  
MONTH

ALL WEATHER  
CLASS

ALL  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	2.6	2.4	.8	.0		.0					7.2	6.6
NNE	.7	.8	.5	.2								2.3	5.8
NE	1.2	1.1	.7	.1								3.1	5.0
ENE	.5	.3	.4	.1								1.3	5.5
E	1.0	.7	.5	.1								2.3	4.8
ESE	.7	.5	.5	.1	.0							1.9	5.6
SE	2.1	3.2	3.7	1.4	.1							10.5	6.8
SSE	2.2	2.9	3.9	1.7	.1	.0						10.9	7.2
S	1.8	2.3	2.0	1.4	.1	.1	.0					7.7	7.2
SSW	.4	.4	.5	.4	.0	.0						1.8	7.6
SW	.6	.6	.3	.1	.0							1.7	5.6
WSW	.2	.3	.2	.1	.0	.0						.9	6.9
W	.4	1.0	.6	.4	.0	.0		.0		.0		2.5	7.3
WNW	.5	1.0	1.3	.5	.1	.0						3.4	7.4
NW	1.1	2.9	3.9	1.3	.1	.0						9.4	7.4
NNW	.9	2.4	3.3	1.2	.0							7.9	7.4
VARBL													
CALM												25.3	
	15.7	23.2	24.9	10.1	.7	.1	.0	.0		.0		100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 12954

4  
DATA PROCESSING DIVISION  
ETAC, USAF  
ASPEVILLE, N. C. 28801

## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43310 STATION FUKUOKA KYUSHU JAPAN/ITAZUKE AB 47-64 YEARS  
ALL WEATHER CLASS  
CONDITION  
JUL MONTH  
ALL HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	1.9	1.4	.3								4.5	5.9
NNE	.4	.7	.3	.1								1.4	5.1
NE	.8	.8	.4	.1								2.1	4.8
ENE	.4	.4	.3	.1	.0	.0	.0	.0				1.3	6.2
E	1.0	1.1	.8	.1			.0					2.9	5.4
ESE	.6	.9	.8	.2	.0							2.6	6.2
SE	2.1	4.6	7.0	2.1	.1							15.8	7.3
SSE	1.5	4.5	6.5	3.0	.2	.1						15.8	7.9
S	1.6	3.2	4.6	2.8	.2	.0						12.3	8.0
SSW	.4	.7	1.2	.8	.1							3.2	8.3
SW	.6	.7	.8	.4								2.4	6.7
WSW	.2	.3	.2	.0	.0							.8	5.8
W	.4	.7	.6	.2	.0							1.8	6.3
WNW	.3	.7	.5	.2	.0							1.7	6.7
NW	.9	2.2	3.3	.5	.0	.0						7.0	6.9
NNW	.6	1.9	2.6	.4	.0	.0						5.5	6.8
VARBL													
CALM												18.7	
	12.7	25.3	31.4	11.1	.6	.1	.0	.0				100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 13382

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43310 STATION FUKUOKA KYUSHU JAPAN/ITAZUKE AB 47-64 YEARS MONTH AUG

ALL WEATHER

CLASS

ALL

HOURS (LST.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	2.1	2.2	.6	.1	.0						5.9	6.9
NNE	.7	.7	.5	.3	.0	.0						2.3	6.5
NE	.8	1.0	.8	.2	.0	.0						2.9	6.6
ENE	.5	.6	.8	.5	.1	.0	.0			.0		2.5	6.3
E	.9	1.0	1.2	.4	.1		.0	.0				3.7	6.8
ESE	.7	.6	.8	.2	.0	.0						2.4	6.6
SE	2.7	3.6	4.2	1.2	.1	.1	.0	.0				11.9	7.7
SSE	2.2	3.8	4.0	1.6	.2	.1	.0	.0				11.9	7.2
S	2.1	3.6	2.0	.9	.3	.0	.0	.0				8.3	6.5
SSW	.5	.7	.6	.3	.0							2.1	6.5
SW	.5	.4	.3	.1			.0	.0				1.3	5.4
WSW	.1	.2	.2	.0	.0							.5	6.5
W	.3	.4	.4	.1	.0	.0	.0					1.2	6.7
WNW	.3	.7	.6	.3								1.8	6.9
NW	.9	2.4	3.3	.7	.0							7.2	7.0
NNW	.8	2.2	3.5	1.3	.0	.0						7.8	7.7
VARBL													
CAJM												26.1	
	15.0	23.4	25.5	8.6	1.0	.2	.1	.1		.0		100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 13371



DATA PROCESSING DIVISION  
ETAC, USAF  
ASPEVILLE, N. C. 28801

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43310  
STATION

FUKUOKA KYUSHU JAPAN/ITAZUKE AB  
STATION NAME

46-64  
YEARS

SEP  
MONTH

ALL WEATHER  
CLASS

ALL  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	2.8	2.9	1.2	.2	.1	.0					8.7	7.7
NNE	1.0	1.6	1.4	.5	.1	.0						4.5	6.8
NE	1.5	2.0	1.3	.3	.0	.0	.0					5.2	5.8
ENE	.5	.5	.4	.1	.0		.0					1.6	6.0
E	1.1	.7	.4	.1								2.2	4.5
ESE	.9	.6	.3	.1	.0	.0						2.0	5.0
SE	3.4	3.7	2.6	.8	.1	.0	.0					10.6	5.7
SSE	2.8	3.2	2.6	1.1	.1	.1	.0	.0				9.8	6.4
S	2.4	2.3	1.2	.4	.0	.0	.0	.0				6.4	5.5
SSW	.7	.7	.3	.2	.0	.0	.0					1.9	5.9
SW	.6	.5	.2	.1	.0	.0						1.4	5.3
WSW	.2	.2	.2	.1								.7	5.8
W	.5	.7	.5	.1	.0	.0						1.7	5.9
WNW	.3	.7	.7	.2								1.9	6.8
NW	1.0	2.3	2.1	.3	.0	.0		.0				5.7	6.4
NNW	.8	2.0	2.6	.6	.0	.0						6.1	7.2
VARBL													
CALM												29.6	
	18.7	24.6	19.7	6.3	.6	.4	.1	.0				100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 13524

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43310 FUKUOKA KYUSHU JAPAN/ITAZUKE AB 46-64  
STATION STATION NAME YEARS  
ALL WEATHER  
CLASS  
CONDITION  
UCI  
MONTH  
ALL  
HOURS (LST)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	2.7	3.4	1.7	.1	.0	.0	.0			20.4	9.3	7.7
NNE	1.2	1.9	2.0	.9	.1				.0			6.1	7.0
NE	1.5	2.2	2.1	.3	.0							6.2	5.9
ENE	.6	.7	.8	.1	.0							2.7	5.6
E	1.0	.8	.3	.0								2.1	4.3
ESE	1.1	.6	.1	.1	.0							1.9	5.9
SE	3.0	2.5	1.1	.3	.0							6.9	4.7
SSE	3.6	3.1	1.2	.2	.0						21.9	8.1	4.5
S	3.0	2.7	.9	.2								6.8	4.5
SSW	.7	.5	.1	.0	.0							1.4	4.2
SW	.5	.3	.2	.0								.9	4.5
WSW	.3	.2	.1	.0								.7	5.2
W	.3	.4	.5	.3	.0							1.6	7.4
WNW	.3	.6	.9	.5	.1							2.4	8.4
NW	.7	1.7	2.0	.8	.1							5.3	7.5
NNW	.6	1.5	2.1	.9	.0	.0	.0	.0				5.2	7.9
VARBL													
CALM												32.8	
	19.8	22.5	17.8	6.4	.5	.0	.0	.0	.0			100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 14129

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43310	JKUCKA KYUSHU JAPAN/ITAZUKE AB	46-64	NCV
STATION	STATION NAME	YEARS	MONTH
ALL WEATHER			ALL
CLASS			HOURS (LST.)
CONDITION			

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	2.2	2.2	1.3	.1							7.1	7.4
NNE	.8	1.4	1.5	.5	.0							4.2	6.8
NE	1.5	2.1	1.3	.4	.0							5.2	5.7
ENE	.8	.8	.5	.1								2.1	5.0
E	1.1	.7	.4	.1								2.2	4.5
ESE	1.1	.6	.3	.1								2.1	4.4
SE	4.3	4.0	1.6	.5	.0							10.3	4.7
SSE	4.1	4.6	2.0	.5	.1	.0						11.3	5.0
S	3.0	3.4	.9	.2	.0							7.5	4.6
SSW	.7	.7	.2	.0	.0							1.6	4.5
SW	.6	.5	.2	.0	.0							1.3	4.5
WSW	.3	.4	.4	.1	.0							1.1	5.9
W	.5	.7	1.2	.6	.1	.0						3.1	8.0
WNW	.3	.5	1.4	.9	.2	.0	.0					3.4	9.4
NW	.7	1.7	2.5	1.5	.1	.0						6.5	8.1
NNW	.6	1.3	2.3	1.1	.1							5.4	8.0
VARBL													
CALM												25.3	
	21.6	25.5	18.9	7.9	.7	.1	.0					100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 13678

4  
DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43310 FUKUOKA KYUSHU JAPAN/ITAZUKE AB 46-64  
STATION STATION NAME YEARS  
ALL WEATHER  
CLASS  
CONDITION  
DEC  
MONTH  
ALL  
HOURS (L.S.T.)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.6	1.6	1.0	.1	.0						5.0	7.7
NNE	.4	.9	.6	.2	.0							2.1	6.4
NE	.9	1.0	.4	.1	.0							2.5	4.9
ENE	.4	.2	.1	.0								.7	4.5
E	.6	.4	.1									1.2	3.9
ESE	.7	.5	.2	.0								1.5	4.1
SE	3.6	5.1	2.5	.5	.0							11.7	5.2
SSE	3.5	6.3	4.6	.8	.1	.0						15.3	5.9
S	2.3	4.4	1.6	.3	.0							8.8	5.2
SSW	.7	.6	.2	.0								1.6	4.4
SW	.5	.8	.4	.1								1.8	5.5
WSW	.2	.7	.7	.3	.0	.0						1.9	7.6
W	.5	.8	1.8	1.8	.3	.1						5.2	9.7
WNW	.4	.9	2.1	2.9	.8	.2	.0					7.2	11.2
inw	.5	1.9	3.3	3.8	.5	.1						10.0	10.0
NNW	.4	1.1	2.1	1.6	.2	.1	.0					5.5	9.4
VARBL													
CALM												18.1	
	16.3	27.3	22.4	13.5	2.0	.4	.0					100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 14132

4  
DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43310 STATION FUKUOKA KYUSHU JAPAN/ITAZUKE AB 47-64 YEARS JAN NORTH  
0000-0200 HOURS (LST)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.9	.8	.7	.1							2.9	7.8
NNE	.4	.2	.1	.1								.8	5.2
NE	.7	.7	.2	.1								1.6	4.5
ENE	.6	.2	.1									1.0	3.8
E	1.2	.5	.1									1.8	3.3
ESE	1.3	.8	.1	.1								2.3	4.1
SE	3.8	5.9	2.5	.7	.2	.1						13.2	5.6
SSE	2.9	8.1	4.7	.4	.1							16.1	5.7
S	2.7	3.6	2.0	.2								8.5	5.2
SSW	.8	1.0	.3									2.1	4.5
SW	.5	.7	.4	.1								1.6	5.1
WSW	.2	.7	.8	.5	.1							2.2	8.0
W	.1	.5	1.8	2.4	.4	.1						5.2	11.2
WNW	.2	.6	1.9	5.0	1.7	.4	.1					9.8	13.4
NW	.2	.7	2.3	5.2	.5	.2	.1					9.1	12.0
NNW	.2	.4	.8	1.1	.2	.1						2.7	10.2
VARBL													
CALM												19.1	
	16.2	25.3	18.9	16.5	3.1	.7	.2					100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 1674

4  
DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43310 FUKUOKA KYUSHU JAPAN/ITAZUKE AB 47-64 JAN  
STATION STATION NAME YEARS NORTH  
ALL WEATHER  
CLASS  
CONDITION  
0300-1500  
HOURS (LST.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	.8	1.0	1.0		.1						3.3	8.6
NNE	.4	.2	.1									.7	4.6
NE	.7	.5	.2									1.3	4.1
ENE	.3	.4	.2									.8	4.6
E	1.0	.5	.2									1.7	3.9
ESE	.8	.5	.2	.1	.1							1.7	5.1
SE	3.6	4.2	4.0	1.0	.1							12.8	6.0
SSE	3.1	7.9	4.9	1.0	.2							17.1	5.9
S	2.5	4.2	1.5	.2								8.4	4.9
SSW	.5	.9	.4	.1								1.9	5.3
SW	.2	.2	.2	.1								.7	6.1
WSW	.2	.4	.7	.5	.1							1.9	9.1
W	.1	1.1	1.5	2.6	.4							5.7	10.8
WNW	.1	.8	2.7	5.3	1.6	.5						10.9	12.8
NW	.2	.3	3.3	5.1	.7	.5						10.0	12.1
NNW	.2	.2	1.3	1.1	.1							2.9	10.2
VARBL													
CALM												18.1	
	14.2	23.0	22.6	17.9	3.1	1.1						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 1674

4  
DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43310  
STATION

FUKUOKA KYUSHU JAPAN/ITAZUKE AB  
STATION NAME

47-64  
YEARS

JAN

MORTH

0607-0800  
HOURS (LST.)

ALL WEATHER  
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.8	1.1	1.3	.1							3.6	9.3
NNE	.4	.5	.5	.1								1.6	5.8
NE	.5	1.0	.3									1.8	4.7
ENE	.4	.2	.2									.8	4.3
E	.8	.3	.2									1.3	3.9
ESE	.7	.9	.2	.2	.1							2.0	5.7
SE	3.5	5.3	3.3	1.1								13.3	5.8
SSE	2.9	6.0	5.3	1.1	.1	.1						15.5	6.3
S	2.4	4.7	2.8	.2								10.2	5.4
SSW	.7	1.0	.4	.1								2.1	4.9
SW	.4	.7		.2								1.3	5.3
WSW	.1	.4	.5	.4		.1						1.5	8.8
W	.2	.7	1.7	2.2	.5							5.3	10.9
WNW	.4	.8	2.6	5.0	1.1	.6						10.5	12.3
NW	.2	.7	3.2	5.0	1.1	.3						10.5	12.0
NNW	.1	.4	1.0	1.4	.1							2.9	10.7
VARBL													
CALM												16.0	
	14.2	24.3	23.3	18.3	2.9	1.0						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS

1674

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43310 STATION FUKUOKA KYUSHU JAPAN/ITAZUKE AB 47-64 YEARS  
ALL WEATHER CLASS  
CONDITION  
JAN MONTH  
0900-1100 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	1.2	1.4	1.7								4.6	9.2
NNE	.4	.7	.9	.2								2.2	6.9
NE	.4	.7	.6	.1								1.9	6.0
ENE	.4	.4	.4	.1								1.3	5.9
E	.1	.8	.2	.1								1.2	5.5
ESE	.4	.5	.4	.3								1.6	6.6
SE	1.5	3.8	4.8	2.3								12.4	7.5
SSE	2.0	6.6	7.7	1.7								18.0	6.9
S	1.7	4.7	3.3	.7								10.4	6.1
SSW	.4	.5	.4	.1								1.3	5.4
SW	.8	.7	.3									1.8	4.2
WSW	.2	.5	1.3	.2	.1							2.3	8.0
W	.4	.8	2.0	2.7	.4	.1						6.5	10.6
WNW	.1	.8	3.0	4.6	1.7	.2	.1					10.5	12.5
NW	.4	.7	1.7	4.7	1.1	.3	.1					9.0	12.4
NNW	.1	.4	1.6	2.6	.5							5.3	11.6
VARBL													
CALM												10.1	
	9.6	23.8	29.9	22.0	3.8	.6	.1					100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 1674



DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43310 STATION FUKUOKA KYUSHU JAPAN/ITAZUKE AB 47-64 YEARS JAN  
MONTH  
1200-1400  
HOURS (LST.)  
ALL WEATHER  
CLASS  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	1.6	2.4	2.2	.2	.1						6.9	9.7
NNE	.3	.8	1.5	.6	.1							3.3	8.3
NE	.5	1.2	1.1	.5								3.2	6.5
ENE		.2	.7	.2								1.1	8.6
E	.2	.4	.3	.2								1.2	7.2
ESE	.1		.1	.1								.2	6.8
SE	1.0	1.5	3.5	1.4								7.3	7.9
SSE	.8	1.5	3.6	1.3	.1							7.2	7.8
S	.7	2.2	1.8	1.0								5.6	7.1
SSW	.7	.5	.1	.1								1.4	4.3
SW	.5	.8	.2									2.2	5.9
WSW	.2	.9	1.1	.4								2.7	7.4
W	.4	1.5	4.0	4.4	1.0	.1						11.3	10.7
WNW	.4	2.0	4.4	7.3	2.2	.4						16.6	11.9
NW	.3	2.8	5.1	6.3	1.1	.1						15.7	10.4
NNW	.4	1.4	2.9	2.4	.5	.2						7.8	10.2
VARBL													
CALM												6.4	
	6.8	19.4	33.4	28.1	5.2	.8						100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 1674

4  
DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43310 FUKUGKA KYUSHU JAPAN/ITAZUKE AB 47-64 JAN  
STATION STATION NAME YEARS MONTH  
1500-1700  
HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	2.3	2.7	1.6	.2							7.6	8.1
NNE	.5	1.8	2.1	.4								4.2	7.2
NE	.4	1.5	.8	.4								3.0	6.2
ENE	.1	.3	.3	.1								.8	6.7
E	.1	.1	.2	.1								.5	7.4
ESE	.1	.5	.2									.8	5.3
SE	.4	1.6	1.9	.3								4.1	7.1
SSE	.8	1.3	1.8	.5								4.5	6.9
S	.8	1.5	1.3	.5	.2	.1						4.2	7.1
SSW	.3	.2	.5	.1								1.1	6.9
SW	.8	1.6	.7	.1								3.3	5.2
WSW	.5	1.0	1.0	.7								3.2	7.4
W	.7	2.2	4.0	3.6	.7	.3						11.4	10.2
WNW	.5	2.6	5.0	6.3	1.7	.2						16.3	10.9
NW	1.1	4.5	7.7	5.7	1.1	.2						20.2	9.5
NNW	.6	1.9	4.2	2.0	.5							9.2	9.0
VARBL													
CALM												4.8	
	8.5	24.9	34.3	22.3	4.4	.8						100.0	8.4

TOTAL NUMBER OF OBSERVATIONS 1673

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

4331C STATION FUKUEKA KYUSHU JAPAN/ITAZUKI AB 47-64 YEARS JAN MONTH  
1800-2000 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	2.0	1.4	.6	.1							5.1	6.5
NNE	1.2	1.6	.8	.1								3.6	5.1
NE	1.2	1.9	.3									3.4	4.3
ENE	1.4	.7	.1									2.2	3.6
E	1.0	.7	.2									1.9	3.9
ESE	.8	.7	.2		.1							1.7	4.5
SE	2.2	3.8	1.3	.4	.1							7.7	5.4
SSE	2.3	5.0	1.6	.4								9.3	5.3
S	1.9	2.7	.9	.2								5.7	5.0
SSW	.7	.8	.2									1.7	4.3
SW	1.3	1.7	.8	.1								3.8	5.2
WSW	.7	1.1	1.1	.1								2.9	5.9
W	.5	2.0	2.7	2.5	.7	.1						8.6	9.7
WNW	.5	.8	3.6	5.1	1.1	.4						11.6	11.6
NW	.7	1.4	2.6	3.2	.6							8.6	12.3
NNW	.5	1.3	1.4	1.1	.2	.1						4.5	8.7
VARBL													
CALM												17.7	
	17.8	28.1	19.2	13.8	2.9	.5						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 1674

4  
DATA PROCESSING DIVISION  
ETAC, USAF  
ASPCVILLE, N. C. 28801

## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43310 STATION FUKUOKA KYUSHU JAPAN/ITAZUKI AB 47-64 YEARS JAN  
ALL WEATHER CLASS 2100-2300 HOURS (LST.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	1.3	.9	1.0								3.6	7.9
NNE	.5	.5	.1	.1								1.3	5.0
NE	1.3	.4	.2	.2								2.1	4.3
ENE	.8	.3	.1									1.2	3.7
E	.8	.5	.1									1.4	3.6
ESE	1.1	.5	.2									1.8	3.6
SE	4.3	5.3	3.1	.6	.1							13.3	5.2
SSE	4.1	6.4	3.0	.4		.1						13.9	5.2
S	2.3	4.0	1.3									7.6	4.7
SSW	.8	1.1	.5	.1		.1						2.5	5.5
SW	.5	.7	.5	.4								2.1	6.1
WSW	.2	.5	.7	.5		.1						2.0	8.6
W	.2	1.0	2.6	2.7	.4							6.9	10.4
WNW	.2	.5	2.2	4.5	1.3	.4	.1					9.0	12.9
NW	.2	.8	1.6	3.8	.7	.2						7.4	12.1
NNW	.2	.7	.9	1.1	.2							3.1	10.2
VARBL													
CALM												20.8	
	17.9	24.6	18.0	15.3	2.6	.7	.1					100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 1673

4  
DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43310 STATION FUKUOKA KYUSHU JAPAN/ITAZUKE AB 48-64 YEARS FEB MONTH  
ALL WEATHER CLASS 0000-0200 HOURS (LST.)  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.5	.3	.4		.1						2.8	6.5
NNE	.6	1.1	.3	.1								2.1	5.2
NE	1.5	1.5	.6	.1								3.7	4.8
ENE	1.0	.3	.2									1.5	3.8
E	.6	.6	.1		.1							1.5	4.6
ESE	1.0	.9	.2									2.1	3.7
SE	4.1	6.3	1.5	.9	.1							12.9	5.1
SSE	4.0	7.8	3.0	.6								15.3	5.2
S	2.1	4.4	2.1	.6								9.1	5.6
SSW	.3	.7	.3									1.2	5.1
SW	.6	1.2	.3	.1								2.1	5.2
WSW	.3	.3	.3	.1								1.0	5.8
W	.4	.7	1.9	1.8	.2	.1						5.1	9.8
WNW	.3	.5	1.3	2.4	.6	.1						5.1	11.5
NW	.4	.9	1.1	2.4	.2							5.0	10.2
NNW	.3	.8	.8	1.0								3.0	9.0
VARBL													
CALM												6.4	
	17.9	29.5	14.4	10.4	1.1	.3						100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 1443

4  
DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43310  
STATION

FUKUOKA KYUSHU JAPAN/ITAZUKE AB  
STATION NAME

48-64  
YEARS

FEB  
MONTH

ALL WEATHER  
CLASS

0300-0500  
HOURS (LST.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.2	1.0	.7								3.5	6.9
NNE	.6	.6	.8	.1								2.0	6.1
NE	.6	1.7	.6	.1								2.9	5.1
ENE	.1	.5	.1									.8	4.9
E	1.5	.6	.1									2.1	3.5
ESE	1.0	1.1	.2									2.4	3.9
SE	3.7	5.1	1.9	.8	.1							11.4	5.2
SSE	4.0	7.4	3.2	.6	.1							15.2	5.4
S	2.4	5.0	1.8	.3	.1							9.6	5.3
SSW	.4	1.0	.4		.1							1.9	5.2
SW	.4	.6	.3	.1								1.5	5.2
WSW		.1	.8	.3								1.2	9.2
W	.1	.5	1.3	1.7	.4	.1						4.0	11.2
WNW	.3	.3	1.5	2.5	.4	.3						5.3	11.7
NW	.2	1.1	1.5	3.5	.5	.2						7.1	11.5
NNW	.2	.9	1.2	1.6	.1							4.0	9.3
VARBL													
CALM												25.0	
	16.2	27.7	16.6	12.3	1.7	.6						100.0	5.2

TOTAL NUMBER OF OBSERVATIONS

1443

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

4331C FUKUOKA KYUSHU JAPAN/ITAZUKE AB 48-64  
STATION STATION NAME YEARS  
ALL WEATHER  
CLASS  
CONDITION  
FEB  
MONTH  
0600-1800  
HOURS (LST)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	1.9	1.0	.8								4.5	7.0
NNE	.5	1.2	.6	.4								2.7	6.4
NE	.5	1.7	.7	.1								2.9	5.3
ENE	.2	.3	.1	.1								.6	5.2
E	.7	.8	.1									1.6	3.8
ESE	1.0	.7	.3									1.9	4.1
SE	3.6	5.5	2.6	.8								12.6	5.4
SSE	3.5	8.2	4.4	.4	.1							16.6	5.5
S	2.3	4.4	1.7	.6								9.1	5.7
SSW	.5	.8	.3									1.5	4.7
SW	.6	.7	.6	.3								2.1	6.1
WSW	.1	.3	.3	.1	.1							.9	8.0
W	.1	.8	.9	1.0	.3	.1						3.1	10.0
WNW	.1	.6	1.8	2.4	.5	.2						5.6	11.5
NW	.1	.3	2.4	4.0	.6	.1						7.4	11.6
NNW	.4	.8	1.2	1.5	.2							4.1	9.3
VARBL													
CALM												22.7	
	14.8	29.0	19.1	12.5	1.7	.3						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 1443

4  
DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43310 STATION FUKUOKA KYUSHU JAPAN/ITAZUKE AB 48-64 YEARS  
ALL WEATHER CLASS  
CONDITON  
FEB MONTH  
0900-1100 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.4	2.2	1.0	.1							5.3	7.9
NNE	.7	1.0	1.5	.6								3.9	7.2
NE	.8	1.5	1.9	.2								4.4	6.4
ENE	.4	.4	.3									1.1	5.1
E	.4	.3	.4	.2								1.3	6.4
ESE	.4	.6	.4	.3	.1							1.7	7.2
SE	1.2	3.0	3.5	1.9	.1							9.8	7.4
SSE	1.7	5.5	6.7	1.3	.1							15.2	7.0
S	1.8	3.3	2.9	1.0	.1	.1	.1					9.2	7.1
SSW	.5	1.3	.5									2.3	5.0
SW	.6	1.5	.8	.1								2.9	5.8
WSW	.3	.1	.7	.3	.2							1.7	9.2
W	.6	1.1	1.7	1.9	.3							5.5	9.3
WNW	.3	.4	2.5	2.6	.6	.3	.1					6.8	11.6
NW	.8	1.0	3.0	4.7	1.0							10.5	11.0
NNW	.5	1.5	2.1	2.0	.1							6.3	9.0
VARBL													
CALM												12.1	
	11.7	23.9	31.0	18.2	2.6	.3	.1					100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 1443



DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43310 STATION FUKUEKA KYUSHU JAPAN/ITAZUKE AB 48-64 YEARS FEB MONTH  
1200-1400 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	2.1	2.6	1.7								7.0	8.3
NNE	.2	.8	1.9	1.2	.1							4.2	9.0
NE	.6	2.6	1.6	.8								5.6	6.8
ENE	.2	.4	.8	.4								1.9	8.0
E	.3	.3	.2	.2								1.1	6.2
ESE		.4										.4	4.7
SE	.6	1.3	1.7	1.2	.1							4.9	8.1
SSE	.6	1.7	1.9	1.0	.2							5.5	7.7
S	.8	2.5	1.7	1.0		.1						6.0	7.2
SSW	.2	.3	.3	.1								.9	6.2
SW	.3	.5	.3	.3								1.5	7.0
WSW	.3	.5	.4	.9								2.1	8.9
W	.5	1.5	3.0	2.6	.4	.1						8.1	9.8
WNW	.6	1.7	3.4	5.2	1.2	.2						12.3	11.1
NW	.6	3.0	8.0	7.6	.6							19.8	10.0
NNW	.4	1.5	5.6	4.7	.4							12.6	10.1
VARBL													
CALM												6.0	
	7.0	21.1	33.3	29.2	3.0	.4						100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 1443

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43310 STATION FUKUOKA KYUSHU JAPAN/ITAZUKE AB 48-64 FEB  
STATION NAME MONTH  
ALL WEATHER CLASS 1500-1700  
CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	2.5	6.2	2.1	.1							12.1	8.3
NNE	.4	1.0	2.5	1.0								4.9	8.0
NE	.3	2.2	2.1	.5								5.1	7.0
ENE	.2	.3	.6	.2								1.3	6.8
E	.1	.7	.5	.1								1.4	7.0
ESE	.3	.3	.1	.2								1.0	6.7
SE	.8	.8	.6	.8								3.0	6.9
SSE	.1	.7	1.3	1.0	.1							3.3	9.0
S		.7	1.3	1.1	.1							3.3	9.8
SSW		.1	.2	.1								.3	8.8
SW	.3	.3	.8	.1								1.5	6.6
WSW	.3	.3	.7	.8	.1							2.1	9.5
W	.2	1.1	2.6	3.0	.3	.1						7.3	10.4
WNW	.3	1.5	4.2	4.9	.8	.1						11.9	10.6
NW	.8	4.3	9.8	6.6	.6							22.1	9.3
NNW	.6	2.9	5.6	6.6	.2							15.4	9.6
VARBL													
CALM												4.1	
	6.0	19.8	39.1	28.6	2.3	.2						100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 1443

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43310 STATION FUKUOKA KYUSHU JAPAN/ITAZUKE AB 48-64 YEARS MONTH FEB  
1800-2000 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.4	4.1	2.4	.5								9.4	5.6
NNE	1.3	2.8	1.3	.5								5.9	5.7
NE	2.4	3.8	1.7	.2								8.1	4.9
ENE	.9	1.1	.2									2.2	4.1
E	.7	.6	.2	.1								1.7	4.8
ESE	.5	.3	.1	.1								1.0	4.9
SE	1.9	1.6	1.0	.3	.1							5.0	5.7
SSE	1.2	2.2	1.3	.3								5.1	5.8
S	1.0	2.1	1.8	.3	.2							5.5	6.6
SSW	.6	1.0	.3	.1								2.0	4.6
SW	.9	2.1	.4	.1								3.5	5.0
WSW	.5	1.6	.8	.1								3.0	5.9
W	.6	2.0	2.6	.9	.2							6.3	7.9
WNW	.6	1.9	2.5	2.7	.4	.1						8.2	5.3
NW	.7	3.7	3.0	1.5	.2	.1						9.1	7.8
NNW	1.5	2.7	2.8	.6	.1							7.7	6.6
VARBL													
CALM												16.1	
	17.8	33.7	22.5	8.3	1.3	.1						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 1443

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43310 STATION FUKUOKA KYUSHU JAPAN/ITAZUKE AB 48-64 YEARS FEB MONTH 2100-2300 HOURS (LST.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.6	.6	.5		.1						3.4	6.5
NNE	1.0	1.0	.8	.1								3.0	5.4
NE	2.1	1.4	.3	.1								3.9	4.2
ENE	1.0	.3	.1									1.5	3.3
E	1.2	.7	.1									2.0	3.6
ESE	1.0	.6	.1									1.7	3.6
SE	4.5	5.6	1.5	.8								12.3	4.8
SSE	4.2	7.6	2.4	.2								14.4	4.9
S	2.5	4.4	1.1	.6	.1	.1						8.7	5.6
SSW	.5	1.2	.2									1.9	4.7
SW	.8	1.3	.6									2.6	5.2
WSW	.3	.8	1.0	.2								2.3	6.8
W	.6	1.0	1.2	1.0	.3							4.1	8.7
WNW	.4	.8	1.1	1.9	.4	.1						4.7	10.2
NW	.1	1.4	1.9	1.0	.1							4.6	8.7
NNW	.7	.9	1.0	.6								3.2	1.0
VARBL													
CALM												25.6	
	21.6	30.6	14.1	7.0	1.0	.2						100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 1443

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43310 STATION FUKUOKA KYUSHU JAPAN/ITAZUKE AB 48-64 YEARS  
ALL WEATHER CLASS  
CONDITION  
MAR MONTH  
0000-0200 HOURS (LST)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	1.5	.9	.7	.1							4.4	6.2
NNE	1.0	1.2	.7	.3								3.2	5.8
NE	1.3	.9	.4	.1								2.7	4.8
ENE	.4	.4										.8	3.6
E	.8	.6	.1									1.4	3.8
ESE	1.0	.5	.3	.1								1.9	4.6
SE	4.4	3.7	2.5	.8	.1							11.4	5.3
SSE	3.4	5.6	3.0	.9	.1							13.0	5.8
S	2.5	4.2	1.2	.1								8.0	4.7
SSW	.4	.5	.1	.3								1.2	6.3
SW	.4	.5	.1									1.0	4.3
WSW	.3	.3	.2	.3								1.1	6.9
W	.1	.5	1.6	.9	.1		.1					3.4	9.8
WNW	.2	.5	1.0	1.4	.5	.1						3.7	11.4
NW	.6	.6	1.3	1.2								3.7	8.4
NNW	.5	.9	.9	.6								2.8	7.2
VARBL													
CALM												36.2	
	18.6	22.3	14.2	7.7	.9	.1	.1					100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 1581

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43310 STATION FUKUOKA KYUSHU JAPAN/ITAZUKE AB 48-64 YEARS MAR MONTH  
ALL WEATHER CLASS 0300-0500 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.3	1.4	.9								4.4	7.5
NNE	.6	.9	.6	.2								2.3	5.8
NE	.8	.9	.3									2.0	4.6
ENE	.5	.3										.8	3.5
E	.6	.4	.2	.2								1.3	5.4
ESE	1.3	.6	.3	.1	.1							2.3	4.7
SE	4.1	4.2	2.8	1.2	.1							12.5	5.8
SSE	3.2	4.2	2.5	1.1	.1	.1						11.3	5.9
S	2.1	3.5	1.3	.5		.1						7.4	5.5
SSW	.4	.7	.1									1.2	4.2
SW	.4	.4	.2	.2								1.2	5.6
WSW	.3	.4	.3	.3								1.2	7.1
W	.3	.5	1.2	.5	.1	.1						2.7	8.6
WNW	.3	.6	1.1	1.8	.6	.1						4.4	11.4
NW	.4	1.0	1.1	1.6	.2							4.4	9.2
NNW	.6	.6	1.3	.8								3.2	7.6
VARBL													
CALM												37.4	
	16.5	20.6	14.5	9.5	1.2	.3						100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 1581

4  
DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 43310 STATION NAME FUKUOKA KYUSHU JAPAN/JIAZUKE AB YEARS 48-64 MONTH MAR  
CLASS ALL WEATHER MONTH 0600-0800  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	1.3	1.6	.8								4.7	6.8
NNE	.9	1.6	1.4	.4								4.3	6.3
NE	1.2	1.4	.7									3.3	4.7
ENE	.4	.4	.1									.9	3.7
E	.9	.4	.1		.1							1.4	4.1
ESE	.6	.6	.1	.2								1.5	5.2
SE	3.8	2.9	3.1	1.3	.3							11.4	6.2
SSE	3.9	6.5	3.8	1.1	.1	.2						15.5	6.0
S	3.0	4.7	2.0	.8								10.4	5.5
SSW	.4	.4	.2	.1								1.1	4.9
SW	.4	.4	.1	.1	.1							1.1	5.9
WSW	.1	.6	.6	.3								1.6	7.7
W	.1	.5	1.0	.5								2.1	8.8
WNW	.1	.4	1.1	1.3	.4	.1	.1					3.5	11.8
NW	.6	.7	1.4	2.1	.3							5.1	9.8
NNW	.2	1.1	1.2	.8								3.3	8.2
VARBL													
CALM												28.8	
	17.6	23.8	18.3	9.7	1.3	.3	.1					100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 1581

4  
DATA PROCESSING DIVISION  
ETAG, USAF  
ASHEVILLE, N. C. 28801

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43310 STATION FUKUOKA KYUSHU JAPAN/ITAZUKE AB 48-64 YEARS MAR MONTH  
ALL WEATHER CLASS 0900-1100 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	2.1	3.2	2.2	.2							8.6	8.6
NNE	.8	.8	2.7	1.1								5.4	7.8
NE	1.3	1.6	2.1	.3								5.3	6.1
ENE	.3	.6	.5	.1								1.5	6.0
E	.8	.9	.6	.1								2.5	5.4
ESE	.1	.4	.7	.2								1.5	7.2
SE	1.1	2.5	2.8	3.4	.1							9.9	8.6
SSE	1.5	3.3	4.2	3.1	.3	.1						12.5	8.2
S	1.7	2.5	2.4	1.0	.1							7.7	6.6
SSW	.7	.5	.3									1.5	4.3
SW	.9	.3	.4	.3	.1							2.0	6.2
WSW		.5	.3	.2	.1							1.1	8.6
W	.7	.7	1.6	2.1	.1							5.1	9.5
WNW	.4	.9	1.6	2.2	.4	.3						5.9	10.6
NW	.6	1.6	3.1	2.7	.4							8.3	9.5
NNW	.8	1.5	2.3	1.8	.3							6.6	8.4
VARBL													
CALM												14.7	
	12.7	20.8	28.8	20.7	2.0	.3						100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 1581



DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28001

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43310 STATION FUKUOKA KYUSHU JAPAN/ITAZUKE AB 48-64 YEARS MAR MONTH  
1200-1400 HOURS (LST)  
ALL WEATHER CLASS  
CONDITION

SPED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	2.5	5.3	4.0	.8							13.2	5.5
NNE	.3	1.7	2.2	1.9	.1							6.3	8.7
NE	.9	1.8	2.0	.3								4.9	6.3
ENE	.4	.4	.6									1.5	5.8
E	.3	.3	.6	.1								1.3	6.9
ESE	.1	.4	.6	.3								1.5	7.7
SE	.1	.8	1.7	2.0								4.5	9.7
SSE	.2	1.1	1.6	1.9	.3							5.1	9.7
S	.4	1.2	.9	1.4	.1							4.0	8.8
SSW	.1	.3	.3	.5								1.2	9.1
SW	.4	.1	.3	.3								1.1	6.9
WSW	.3	.4	.2	.6	.1							1.5	9.0
W	.6	.8	1.6	2.4	.5							5.9	10.4
WNW	.2	.8	3.7	3.4	.8	.3						9.0	11.0
NW	.8	3.2	8.9	7.3	.3							20.5	9.5
NNW	.7	2.2	6.8	4.6	.3							14.5	9.3
VARBL													
CALM												4.0	
	6.5	17.9	37.2	30.9	3.3	.3						100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 1581

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43310 STATION FUKUOKA KYUSHU JAPAN/ITAZUKE AB 48-64 YEARS MAR  
STATION NAME CLASS NORTH  
1500-1700  
HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	2.2	6.5	6.7	.4							16.0	15.0
NNE	.4	1.2	2.5	1.7	.1							5.8	8.9
NE	.3	1.6	2.0	.4								4.2	7.0
ENE	.3	.4	.4	.1								1.8	6.7
E	.2	.3	.2									.7	5.4
ESE		.3	.2									.4	5.9
SE	.3	.5	.9	.8	.1							2.6	9.0
SSE	.3	.6	1.8	.4								3.1	8.1
S	.1	.3	1.8	1.6	.1	.1						4.0	10.3
SSW	.1	.1	.4	.3								.8	9.1
SW	.2	.3	.1	.3								.9	7.6
WSW	.1	.1	.8	.3	.2							1.4	10.2
W	.2	.7	2.0	3.6	.3	.3						7.1	11.6
WNW	.3	1.3	3.0	3.8	.4							8.9	10.5
NW	.6	3.4	9.6	5.4	.4							19.4	9.2
NNW	.9	3.7	10.0	5.3	.3							20.2	9.0
VARBL													
CALM												2.7	
	4.5	17.0	42.7	30.6	2.2	.4						100.0	9.1

TOTAL NUMBER OF OBSERVATIONS 1581

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43310 FUKUOKA KYUSHU JAPAN/ITAZUKE AB 48-64 MAR  
STATION STATION NAME YEARS MONTH  
ALL WEATHER  
CLASS  
CONDITION

1800-2000  
HOURS (LST.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.7	5.6	4.9	1.1		.1	.1					14.4	6.5
NNE	2.7	3.0	2.8	.8	.2							9.5	6.2
NE	1.9	2.3	.9	.1								5.2	4.7
ENE	1.4	.8	.3									2.5	4.0
E	1.0	.8	.1									1.9	3.8
ESE	.6	.2	.1									.8	3.7
SE	.7	1.5	1.3	.4								3.9	6.3
SSE	.6	1.5	1.0	.4								3.6	6.6
S	.7	1.7	.9	.5	.1	.1						4.0	7.0
SSW	.4	.7	.3	.1		.1						1.5	6.3
SW	.8	1.5	.3	.2								2.7	5.2
WSW	.3	1.1	1.1	.3	.1							2.9	7.2
W	.6	2.0	2.8	1.6	.1							7.1	8.2
WNW	.5	1.0	2.2	1.6	.1							5.5	9.0
NW	1.3	2.7	2.7	.9	.2							7.9	6.8
NNW	2.0	4.7	2.8	.8	.1	.1	.1					10.5	6.3
VARBL													
CALM												15.9	
	18.0	31.2	24.7	8.8	.9	.3	.1					100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 1581

DATA PROCESSING DIVISION  
ETAL, USAF  
ASHEVILLE, N. C. 28801

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43310	FUKUOKA KYUSHU JAPAN/ITAZUKE AB	48-64	MAK
STATION	STATION NAME	YEARS	MONTH
ALL WEATHER			2100-2300
CLASS			HOURS (LST)
CONDITION			

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	2.6	1.7	.6	.2							6.5	6.4
NNE	.9	1.8	.9	.4								4.0	5.9
NE	1.8	1.3	.9	.1								4.1	4.9
ENE	.7	.6	.1									1.4	3.8
E	1.5	.6	.2									2.3	3.4
ESE	1.3	.4	.2	.1								2.0	3.8
SE	4.2	3.0	1.8	.6								9.7	5.0
SSE	3.5	4.6	2.5	.8	.1							11.4	5.5
S	3.8	3.2	1.1	.4	.1	.1						8.7	4.8
SSW	.7	.3	.1									1.1	3.8
SW	.4	.7	.4	.1								1.6	5.6
WSW	.3	.5	.6	.1								1.6	6.5
W	.5	.7	1.5	.9		.1						3.7	8.6
WNW	.3	.7	1.0	1.0	.3	.1						3.4	9.8
NW	.6	.8	.7	.9	.1							3.1	8.2
NNW	1.1	.9	.4	.3								2.8	5.0
VARBL													
CALM												32.7	
	23.0	22.7	14.3	6.4	.7	.2						100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 1581

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43310 FUKUOKA KYUSHU JAPAN/ITAZUKE AB 48-64 APR  
STATION STATION NAME YEARS MONTH  
ALL WEATHER  
CLASS  
0000-0200  
HOURS (L.S.T.)  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	2.1	.7	.3								4.2	5.3
NNE	.7	.5	.5									1.6	4.8
NE	1.1	.7	.1									1.9	3.7
ENE	.8											.8	2.3
E	1.3	.3	.2									1.8	3.5
ESE	1.0	.5	.4	.3								2.2	5.7
SE	4.0	4.2	2.9	1.4	.1							12.6	6.0
SSE	3.5	5.6	2.8	1.5	.4	.1						13.9	6.5
S	2.7	2.9	1.0	.7								7.3	5.1
SSW	.6	.5										1.1	3.5
SW	.9	.3	.1	.1								1.3	3.7
WSW	.3	.5	.3									1.0	5.2
W	.1	.7	.3	.7	.1							1.9	8.4
WNW	.6	.3	.4	.5	.2							2.0	8.4
W	.6	.8	.3	.6	.1							2.4	7.5
NNW	.5	.8	.7	.3								2.4	6.6
VARBL													
CALM												41.8	
	19.7	20.7	10.7	6.1	.9	.1						100.0	3.4

TOTAL NUMBER OF OBSERVATIONS 1530

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43310 STATION FUKUOKA KYUSHU JAPAN/ITAZUKE AB 48-64 YEARS APR MONTH  
0300-0500 HOURS (L.S.T.)  
ALL WEATHER CLASS  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	1.6	1.2	.6								4.6	6.2
NNE	.4	.7	.3	.1								1.4	5.0
NE	.7	.5	.2									1.4	4.0
ENE	.3	.1	.1									.4	4.0
E	1.0	.3										1.2	2.9
ESE	1.0	.7	.4	.4								2.5	5.6
SE	3.5	3.7	3.5	1.2	.3							12.2	6.3
SSE	3.4	5.6	4.1	1.6	.3	.1						15.0	6.6
S	3.0	2.5	1.3	.6								7.5	5.2
SSW	.5	.5	.4									1.4	4.8
SW	.6	.3	.3	.1								1.3	4.7
WSW	.3	.4	.4									1.1	5.5
W	1.0	.8	.9	.2								2.9	6.0
WNW	.7	.4	.5	.8								2.4	8.2
NW	.3	1.4	1.3	.4								3.4	6.9
NNW	.6	1.3	.6	.2	.1							2.7	6.1
VARBL													
CALM												38.5	
	18.4	20.7	15.4	6.1	.7	.1						100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 1530

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DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43310  
STATION

FUKUOKA KYUSHU JAPAN/ITAZUKE AB  
STATION NAME

48-64  
YEARS

APR  
MONTH

ALL WEATHER  
CLASS

0600-1800  
HOURS (LST)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	1.2	1.9	1.0								5.6	6.9
NNE	.8	.8	.6	.2								2.4	5.4
NE	.9	.5	.1									1.4	3.6
ENE	.5	.3	.1	.1								1.0	4.9
E	.6	.1		.1								.8	3.8
ESE	1.0	.8	1.1	.3	.1							3.3	6.1
SE	2.1	3.5	4.1	2.5	.1	.1						12.4	7.6
SSF	2.7	4.9	5.6	1.5	.2							14.8	6.8
S	3.4	3.5	1.3	.3								8.6	4.8
SSW	.9	.3	.3	.1								1.6	4.2
SW	.3	.3	.2	.1								.8	5.8
WSW	.3	.5	.3									1.0	5.3
W	1.0	.8	1.2	.5	.1							3.5	6.8
WNW	.7	.3	1.2	.9	.1							3.2	8.7
NW	.8	1.2	.7	.2								2.9	5.5
NNW	.5	1.0	1.3	.3								3.1	6.8
VARBL													
CALM												33.7	
	17.8	20.2	19.7	8.0	.6	.1						100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 1530

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43310 FUKUCKA KYUSHU JAPAN/ITAZUKE AB 48-64 APR  
STATION STATION NAME YEARS  
ALL WEATHER  
CLASS  
0900-1100  
HOURS (LST.)  
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	3.0	2.8	1.9								8.9	7.5
NNE	.7	.9	1.8	.7								4.1	7.5
NE	.9	.9	1.2	.1								3.1	5.5
ENE	.4	.3	.6	.1								1.4	6.4
E	.3	.5	.3	.1								1.2	6.1
ESE	.1	.6	.7	.5								1.9	8.2
SE	1.1	2.0	5.0	3.7	.3							12.0	9.1
SSE	1.0	2.4	4.9	4.6	.7							13.6	9.6
S	1.1	2.3	1.6	1.5	.1							6.7	7.6
SSW	.5	.7	.3	.2	.1							1.8	6.7
SW	.9	.3	.1	.3								1.6	5.1
WSW	.3	.2	.1	.1								.8	6.3
W	.8	.9	1.2	.4	.3							3.7	7.8
WNW	.5	1.4	2.4	1.9	.3							6.5	9.1
NW	1.4	3.7	4.6	1.5	.1							11.3	7.4
NNW	.9	2.7	2.2	1.2	.1							7.3	7.4
VARBL													
CALM												14.3	
	12.0	23.0	30.0	18.8	2.0							100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 1529



DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N.C. 28801

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43310 FUKUOKA KYUSHU JAPAN/ITAZUKE AB 48-64 APR  
STATION STATION NAME YEARS  
ALL WEATHER  
CLASS  
CONDITION  
MONTH  
1200-1400  
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	2.3	4.6	5.0	.1							12.3	9.7
NNE	.3	.7	1.4	.9	.1							3.3	9.0
NE	.1	1.3	.9	.3								2.6	6.6
ENE	.3	.5	.7									1.5	6.0
E	.1	.3	.3	.1								.8	6.6
ESE	.1	.3	.3	.6								1.3	7.6
SE	.4	1.8	2.4	2.3	.3							7.2	9.2
SSE	.3	1.0	2.5	3.3	.4	.3						7.8	10.8
S	.3	.7	2.0	2.0	.4	.1						5.6	10.7
SSW	.1	.5	.5	.9	.1	.1						2.2	10.7
SW	.3	.2	.4	.1								1.0	6.2
WSW	.2	.1	.2		.1							.6	6.8
W	.2	1.0	1.1	1.2	.2							3.8	9.5
WNW	.2	1.2	2.8	2.7	.5	.3						7.7	10.7
NW	.9	4.7	11.1	4.2	.5							21.4	8.7
NNW	.8	3.1	8.1	4.1	.1							16.3	8.8
VARBL													
CALM												4.7	
	5.0	19.8	39.3	27.8	2.7	.7						100.0	8.8

TOTAL NUMBER OF OBSERVATIONS 1530

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43310 STATION FUKUKA KYUSHU JAPAN/ITAZUKE AB STATION NAME 48-64 YEARS APR MONTH 1500-1700 HOURS (LST)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS)	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
DIR													
N	.7	3.2	7.3	5.0	.1							16.3	9.1
NNE	.1	.9	1.2	.8								3.1	8.3
NE	.7	1.0	1.2	.1								3.0	6.0
ENE	.3	.5	.8	.3								2.0	7.3
E	.1	.7	.3									1.2	6.0
ESE	.2	.1	.4	.1								.8	7.1
SE	.4	1.4	2.1	1.4	.1							5.4	8.7
SSE	.3	1.0	1.8	2.2	.1							5.4	9.9
S	.1	.7	1.6	2.1	.7	.1						5.2	11.3
SSW	.1	.3	.3	.5								1.1	9.3
SW	.1	.3	.5	.1								1.0	7.8
WSW	.1	.3	.4	.1	.1							1.0	7.9
W	.2	.8	1.7	1.5	.1	.1						4.4	9.8
WNW	.4	1.2	2.5	2.4	.7		.1					7.3	10.3
NW	1.0	4.7	11.5	4.2	.1							21.4	8.3
NNW	.4	4.1	9.5	4.1								18.1	8.7
VARBL													
CALM												3.4	
	5.1	21.2	43.3	24.8	2.0	.1	.1					100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 1530

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43310 STATION FUKUOKA KYUSHU JAPAN/ITAZUKE AB 48-64 YEARS  
ALL WEATHER CLASS  
CONDITION  
APR MONTH  
1800-2000 HOURS (LST)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.4	5.2	4.6	.5								12.7	6.0
NNE	2.6	2.3	1.6	.1								6.5	4.9
NE	1.9	1.2	.5									3.6	4.3
ENE	.7	.7	.3									1.6	4.6
E	1.2	.8	.1									2.2	3.8
ESE	.5	.7	.2	.3								1.7	6.1
SE	.8	1.7	1.8	1.0								5.4	7.3
SSE	.8	1.3	2.0	1.4	.3							5.9	8.6
S	.5	1.0	1.0	.8	.1	.1						3.5	8.7
SSW	.2	.3	.2	.1	.1							.8	6.8
SW	.7	.8	.5									2.0	5.0
WSW	.5	.8	.6	.1								1.9	5.5
W	.7	2.2	2.3	1.4	.3							6.9	8.0
WNW	.8	2.0	2.0	1.2	.1							6.1	7.7
NW	2.5	4.9	1.8	.8								10.0	5.7
NNW	1.4	4.7	2.0	.5								8.6	5.7
VARBL													
CALM												20.7	
	18.2	30.7	21.3	8.1	.9	.1						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 1530

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DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

4331C STATION FUKUOKA KYUSHU JAPAN/ITAZUKE AB 48-64 YEARS  
APR MONTH  
2100-2300 HOURS (L.S.T.)  
ALL WEATHER CLASS  
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	2.1	2.2	.3								5.7	5.9
NNE	.9	.9	.3	.1								2.2	4.5
NE	2.0	1.0	.2	.1								3.2	3.8
ENE	.6	.5	.1									1.2	3.6
E	1.4	.8		.1								2.3	3.5
ESE	1.4	.7	.1	.1	.1	.1						2.6	5.3
SE	4.4	3.3	2.2	1.2	.1							11.2	5.7
SSE	3.5	4.6	3.2	1.2	.3							12.8	6.1
S	3.0	2.8	1.0	.8	.1	.1	.1					7.8	5.7
SSW	.9	.6	.1	.1								1.6	4.0
SW	1.0	.5	.4		.1							2.0	4.8
WSW	.2	.4	.2	.1		.1						1.0	7.5
W	.9	1.1	.8	.4	.1							3.2	6.3
WNW	.5	.6	.8	.4	.1							2.3	7.7
NW	.9	.9	.6	.4								2.7	5.6
NNW	.5	1.1	.5	.4	.1							2.7	6.7
VARBL													
CALM												35.7	
	23.2	21.8	12.6	5.5	.9	.2	.1					100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 1529

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DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43310 STATION FUKUOKA KYUSHU JAPAN/ITAZUKE AB 47-64 YEARS MAY  
ALL WEATHER CLASS 0000-0200 HOURS (LST)  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	.5	.5	.1								1.9	5.3
NNE	.5	.1	.1									.7	3.4
NE	.8	.5	.1									1.4	3.6
ENE	1.0	.2	.1	.1								1.3	3.3
E	1.6	.8	.5									2.8	4.0
ESE	1.7	.8	.5	.2								3.2	4.6
SE	4.2	3.9	2.9	.8								11.9	5.3
SSE	5.3	3.9	3.1	1.5								13.7	5.7
S	3.5	3.1	1.5	.3	.2							8.6	5.2
SSW	.5	.5	.2	.2								1.4	5.4
SW	.2	.6	.2	.1								1.1	5.3
WSW	.3	.4	.4	.1								1.1	5.7
W	1.0	.5	.4	.2		.1						2.2	5.6
WNW	.4	.4	.2	.2								1.2	6.1
NW	.5	1.3	.3	.1								2.2	5.1
NNW	.8	1.3	.4									2.5	4.6
VARDL													
CALM												42.8	
	23.2	18.6	11.4	3.8	.2	.1						100.0	3.0

TOTAL NUMBER OF OBSERVATIONS 1674

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43310 FUKUOKA KYUSHU JAPAN/ITAZUKE AB 47-64 MAY  
STATION STATION NAME YEARS  
ALL WEATHER  
CLASS  
CONDITION  
0300-0500  
HOURS (LST.)

SPEED (KNTS)	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
DIR.													
N	.5	1.1	.7	.1								2.5	5.8
NNE	.5	.5										1.0	3.7
NE	1.2	.5	.4									2.1	4.2
ENE	.3	.2	.1									.5	4.0
E	.9	.9	.1	.1								2.0	4.4
ESE	1.7	.8	.9	.1								3.5	4.7
SE	4.7	5.1	2.6	1.0	.1							13.4	5.4
SSE	4.1	5.4	2.6	1.5								13.6	5.8
S	3.1	2.7	1.8	.6	.1	.1						8.4	5.7
SSW	.8	.4	.1	.1								1.4	4.1
SW	.4	.5	.1									1.0	3.9
WSW	.3	.2	.2	.1								.8	6.1
W	.6	1.0	.8	.4	.1							3.0	7.0
WNW	.3	.2	.4	.1								1.0	6.4
NW	1.0	.8	.3	.1								2.2	4.8
NNW	1.0	1.4	.8	.2								3.4	5.3
VARBL													
CALM												40.1	
	21.6	21.8	11.9	4.3	.2	.1						100.0	3.2

TOTAL NUMBER OF OBSERVATIONS 1614

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43310 STATION FUKUOKA KYUSHU JAPAN/ITA/UKA AB 47-64 YEARS MAY MONTH 1600-0800 HOURS (LST)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS)	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
DIR													
N	.7	1.2	1.1	.2								3.2	6.2
NNE	.4	.4	.3									1.1	4.8
NE	.9	.5	.2	.1								1.6	4.3
ENE	.4	.1	.1									.5	3.6
E	1.3	.5	.3									2.1	3.9
ESE	1.5	.5	.5	.1								2.6	4.1
SE	4.3	3.9	4.5	1.5	.1							14.4	6.7
SSE	4.4	6.5	5.6	1.7	.1							18.2	6.4
S	2.5	3.6	1.7	1.0	.2	.1						9.1	6.2
SSW	.6	.7	.1									1.4	3.6
SW	.7	.2	.1									1.0	3.9
WSW	.4	.2	.2	.1								.9	4.8
W	.5	.7	1.1	.4								2.8	7.2
WNW	.4	1.0	.8	.2								2.4	6.7
NW	.8	1.1	.4	.1								2.3	4.7
NNW	.5	.9	.7	.2								2.3	6.5
VARBL													
CALM												34.1	
	20.1	22.1	17.7	5.6	.3	.1						100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 1673

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43310 FUKUOKA KYUSHU JAPAN/ITAZUKE AB 47-64 MAY  
STATION STATION NAME YEARS MONTH  
ALL WEATHER CLASS  
CONDITION  
0900-1100 HOURS (L.S.T.)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	1.6	1.7	.9	.1							5.4	7.2
NNE	.7	.7	.7	.2								2.3	5.8
NE	.7	.6	1.0	.1								2.4	6.2
ENE	.1	.7	.5									1.3	6.1
E	.4	.4	.4	.2								1.4	6.7
ESE	.4	.6	.7	.2								1.9	6.4
SE	1.0	2.6	4.5	2.2	.2	.1						10.6	8.2
SSE	2.0	3.6	7.0	3.0	.1							15.8	7.9
S	1.4	2.2	2.6	1.6	.3							8.1	7.8
SSW	.9	.9		.1								1.9	4.1
SW	1.0	.6	.1									1.6	3.6
WSW	.4	.4	.2	.2								1.1	5.7
W	.8	1.4	1.3	.9	.1							4.5	7.2
WNW	1.3	1.6	2.6	1.3	.1							6.8	7.7
NW	2.0	5.0	3.8	1.0	.1							11.8	6.4
NNW	1.0	3.0	3.4	.9	.1							8.3	7.0
VARBL												15.1	
CALM													
	14.9	25.7	30.3	12.8	1.0	.1						100.	1

TOTAL NUMBER OF OBSERVATIONS 1674



DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43310 STATION FUKUOKA KYUSHU JAPAN/ITAZUKE AB 47-64 YEARS MAY MONTH  
1200-1400 HOURS (LST) CLASS ALL WEATHER CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	2.0	4.6	2.3	.2							9.7	9.0
NNE	.4	.6	.7	.7	.1							2.4	8.5
NE	.2	.8	1.0	.4	.1							2.6	7.6
ENE	.2	.4	1.3	.4								2.3	7.9
E	.4	.9	1.0	.2								2.5	6.9
ESE	.1	.9	.4	.1								1.4	6.2
SE	.4	1.3	2.3	1.7	.1							5.7	8.5
SSE	.5	1.4	3.5	2.0	.2							7.6	9.0
S	.4	1.2	1.8	2.0	.2							5.6	9.1
SSW	.1	.1	.5	.7								1.4	10.3
SW	.3	.2	.4	.2								1.1	7.3
WSW	.2	.2	.2	.2								.9	6.5
W	.2	.8	1.2	1.4	.1							3.7	9.4
WNW	.4	1.3	3.5	3.1	.3							8.5	9.9
NW	.7	4.8	11.5	5.2	.5							22.7	8.9
NNW	.8	3.1	10.3	3.0	.4	.1						17.7	8.6
VARBL													
CALM												4.2	
	5.9	20.2	43.9	23.7	2.1	.1						100.0	8.4

TOTAL NUMBER OF OBSERVATIONS 1674

DATA PROCESSING DIVISION  
ETAC, USAF  
ASPEVILLE, N. C. 28801

## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43310 STATION FUKUOKA KYUSHU JAPAN/ITAZUKE AB 47-64 YEARS MAY MONTH  
ALL WEATHER CLASS 1500-1700 HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	3.0	5.2	2.3	.1							11.1	8.2
NNE	.4	.8	1.1	.7	.1							3.0	8.1
NE	.7	1.9	1.1	.4								4.2	6.3
ENE	.8	.4	.8	.6								2.6	7.1
E	.3	1.3	.7	.2								2.5	6.0
ESE		.2	.4	.1								.7	7.3
SE	.2	1.2	1.9	.8	.2							4.2	8.5
SSE	.3	1.0	1.8	1.4	.3							4.8	9.5
S	.4	.7	1.3	1.4	.1	.1						3.8	9.4
SSW	.2	.4	.7	1.1								2.3	10.0
SW	.1	.2	.2	.2								.7	8.0
WSW	.2	.2	.2	.2								.8	7.6
W	.1	1.1	2.2	1.0	.1							4.4	8.8
WNW	.3	1.6	3.6	2.9	.2							8.5	9.6
NW	1.3	4.8	13.3	4.5	.2							24.1	8.3
NNW	.8	4.9	9.1	3.7	.1							18.6	8.3
VARBL													
CALM												3.4	
	6.7	23.7	43.5	21.4	1.2	.1						100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 1673

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DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43310 STATION FUKUOKA KYUSHU JAPAN/ITA/UKA AB 47-64 YEARS MAY MONTH  
ALL WEATHER CLASS 1800-2000 HOURS (LST)  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.4	4.5	2.6	.5								10.0	5.6
NNE	1.9	1.9	1.0	.4								5.1	5.4
NE	2.2	2.5	.8									5.4	4.5
ENE	.8	1.3	.4									2.5	4.4
E	.8	1.0	.5	.2								2.4	5.2
ESE	.5	.5	.5	.1								1.7	5.4
SE	1.0	1.6	1.7	.8	.1							5.1	6.9
SSE	.5	1.4	1.5	1.4	.2	.1						5.1	8.7
S	1.1	1.3	1.2	1.0	.2							4.8	7.5
SSW	.2	.5	.8	.2	.1							1.9	7.7
SW	1.2	.8	.2	.1								2.3	4.1
WSW	.7	.6	.7	.2								2.2	6.0
W	.8	2.5	1.7	.6								5.5	6.6
WNW	1.0	1.9	1.6	.4	.2							5.1	6.7
NW	3.1	4.1	3.3	.2								10.7	5.4
NNW	2.2	5.7	2.2	.2								10.3	5.3
VARBL													
CALM												20.0	
	20.4	31.9	20.8	6.2	.7	.1						100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 1673

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43310 STATION FUKUOKA KYUSHU JAPAN/ITAZUKE AB 47-64 YEARS  
MAY MONTH  
2100-2300 HOURS (LST.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	1.1	.6	.2								3.0	5.1
NNE	.6	.4	.2									1.3	4.3
NE	2.2	.8	.2									3.2	3.4
ENE	1.4	.7	.2									2.3	3.8
E	2.1	1.6	.2	.1								3.9	3.9
ESE	1.7	.6	.8	.1								3.2	4.8
SE	4.7	3.0	1.8	.8								10.3	5.1
SSE	4.4	3.9	2.2	1.4	.1							12.1	2.7
S	3.5	2.8	1.4	.6	.1							8.3	5.0
SSW	.4	.5	.1	.2	.1							1.2	6.3
SW	.9	1.1	.1	.1								2.2	4.4
WSW	.5	.4	.2									1.1	4.8
W	.7	.5	.7	.1								2.0	5.5
WNW	.4	.1	.2	.1								.8	5.2
NW	.8	.5	.4									1.7	4.4
NNW	.8	1.1	.2									2.1	4.2
VARBL													
CALM												41.3	
	26.4	19.0	9.6	3.5	.2							100.0	2.9

TOTAL NUMBER OF OBSERVATIONS 1674

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43310 STATION FUKUOKA KYUSHU JAPAN/ITAZUKE AB 47-64 YEARS JUN MONTH  
ALL WEATHER CLASS 0000-0200 HOURS (L.S.T.)  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 32	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	1.4	.7	.5								3.8	5.7
NNE	.4	.2	.1	.1								.8	4.8
NE	.8	.4	.2									1.4	4.0
ENE	.9		.1									.9	2.8
E	1.5	.9	.2									2.7	3.5
ESE	1.2	.7	.7	.1								2.2	4.2
SE	3.3	4.3	3.5	1.2	.1							12.2	5.9
SSE	4.3	3.8	4.5	1.6	.2	.1						14.5	6.4
S	3.2	2.3	1.9	.8	.2	.1						8.5	6.1
SSW	.4	.6	.2	.1								1.3	5.3
SW	.6	.4	.3	.1								1.4	5.3
WSW	.2	.2										.4	4.1
W	.2	.7	.2	.1								1.2	5.6
WNW	.1	.2	.1									.4	5.3
NW	.9	.6	.2									1.7	4.1
NNW	.5	.4	.1	.4								2.5	6.9
VARBL													
CALM												44.0	
	19.6	17.7	13.1	4.9	.5	.1						100.0	3.2

TOTAL NUMBER OF OBSERVATIONS 1620

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DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43310 STATION FUKUOKA KYUSHU JAPAN/ITAZUKE AB 47-64 YEARS  
ALL WEATHER CLASS  
CONDITION  
JUN MONTH  
0300-0500 HOURS (LST)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	1.4	1.2	.2								4.2	5.6
NNE	.3	.6	.2									1.1	4.9
NE	1.3	.4	.2									1.9	3.4
ENE	.4	.3										.7	3.3
E	1.4	.8	.2									2.4	3.7
ESE	1.5	.4	.2	.1								2.1	4.0
SE	3.8	5.1	4.4	1.6								14.9	6.2
SSE	3.9	3.4	3.6	1.4	.1							12.5	6.3
S	3.1	2.5	1.2	.9	.1	.1	.1					8.0	6.1
SSW	.8	.4	.2	.3		.1						1.8	6.1
SW	.9	.6	.2	.1								1.9	4.6
WSW	.1	.1	.1									.3	5.0
W	.5	.4	.1	.1	.1							1.2	5.6
WNW	.5	.2	.1									.7	3.9
NW	.6	.8	.1		.1							1.5	4.8
NNW	.5	1.0	.4	.1								2.0	5.4
VARBL													
CALM												42.8	
	20.9	18.3	12.7	4.9	.3	.1	.1					100.0	3.2

TOTAL NUMBER OF OBSERVATIONS 1620

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43310 FUKUOKA KYUSHU JAPAN/ITAZUKE AB 47-64 JUN  
STATION STATION NAME YEARS MONTH  
ALL WEATHER  
CLASS  
CONDITION  
0600-1800  
HOURS (L.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	2.1	1.2	.3								4.9	5.5
NNE	.7	.6	.4									1.7	4.6
NE	.8	.7	.5	.1								2.1	5.0
ENE	.6		.1	.1								.7	3.9
E	.8	.2	.3	.1								1.4	4.6
ESE	.5	.6	.6	.1								1.8	5.7
SE	3.4	4.7	5.6	1.7	.1							15.5	6.5
SSE	3.3	5.3	5.7	1.6	.2	.2						16.4	6.8
S	3.1	3.8	2.0	1.1		.1						10.1	6.2
SSW	.4	.7	.4	.2								1.7	6.4
SW	.6	.5	.4	.1								1.6	5.4
WSW	.4	.1	.1	.1								.6	5.2
W	.2	.7	.5	.4	.1			.1		.1		2.1	10.5
WNW	.4	.1	.2									.7	4.4
NW	.6	.5	.2	.1								1.4	4.6
NNW	1.0	.8	.4	.2								2.4	5.5
VARBL													
CAL												34.9	
	18.1	21.4	18.6	6.0	.4	.3		.1		.1		100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 1620

1210 WS FORM 0-8-5 (Def 50) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43310  
STATION

FUKUOKA KYUSHU JAPAN/ITAZUKE AB  
STATION NAME

47-64  
YEARS

JUN  
MONTH

ALL WEATHER  
CLASS

0900-1100  
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.9	2.8	2.3	.6								7.3	5.9
NNE	.4	.7	.6	.2								2.0	6.5
NE	1.0	1.3	.8	.3								3.4	5.6
ENE	.4	.4	.4	.1								1.2	5.8
E	.9	.9	.6	.2								2.5	5.3
ESE	.7	.3	.8	.1								1.9	5.9
SE	1.1	2.2	5.6	2.6								11.5	8.1
SSE	1.1	3.5	4.8	3.5	.2							13.1	8.4
S	1.8	2.3	2.5	1.4	.4	.1						8.5	7.7
SSW	.6	.4	.9	.4	.1							2.3	7.2
SW	.6	1.1	.2	.2	.1							2.2	5.5
WSW	.1	.2	.4	.2								.9	7.8
W	.9	1.5	1.1	.5	.1	.1						4.1	6.7
WNW	.9	1.8	1.6	.4		.1						4.8	6.9
NW	1.4	3.8	4.0	.7	.1							9.9	6.7
NNW	1.0	2.9	2.5	.7								7.2	6.5
VARBL													
CALM												17.2	
	14.8	26.0	28.8	12.1	.9	.2						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 1620



DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43310 FUKUOKA KYUSHU JAPAN/ITAZUKE AB 47-64 JUN  
STATION STATION NAME YEARS MONTH  
ALL WEATHER CLASS 1200-1400  
CONDITION HOURS (LST)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	2.3	4.4	1.8								9.0	8.2
NNE	.4	.7	1.0	.7								2.8	7.9
NE	.2	1.1	1.7									3.0	6.9
ENE	.1	.2	1.4	.2								1.9	8.2
E	.5	1.1	.7	.1								2.4	6.0
ESE	.2	.8	1.1	.1								2.3	6.9
SE	.5	1.5	3.6	1.4	.1							7.0	8.2
SSE	.6	1.7	2.7	2.1	.2							7.2	8.7
S	.7	1.4	3.2	2.3	.3	.1						8.0	9.6
SSW	.1	.1	.4	.7								1.3	11.1
SW	.1	.4	.4	.2								1.1	7.7
WSW	.1	.2	.4	.2	.1	.1						1.1	9.2
W	.1	.7	.5	.6	.1	.1						2.0	8.8
WNW	.4	1.7	2.5	1.2	.1	.1						6.0	8.2
NW	1.2	6.0	11.5	4.8	.2							23.6	8.4
NNW	.6	3.5	8.0	3.8	.2							16.0	8.7
VARBL													
CALM												5.2	
	6.0	23.5	43.7	20.2	1.1	.3						100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 1620

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43310 STATION EUKUCKA KYUSHU JAPAN/ITAZUKE AB 47-64 YEARS  
JUN MONTH  
1500-1700 HOURS (LST.)  
ALL WEATHER CLASS  
CONDITION

SPEED (KNTS)	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
DIR													
N	.6	3.2	5.1	2.0			.1					11.0	8.1
NNE	.4	.7	1.0	.8								3.0	7.8
NE	.6	2.0	1.5	.4								4.5	6.3
ENE	.2	.6	.7	.2								1.7	7.3
E	.5	.8	.9	.2								2.4	6.3
ESE	.3	.4	.4	.5	.1							1.7	6.6
SE	.2	1.9	2.4	1.1								5.5	8.0
SSE	.2	1.0	3.0	1.6	.1							5.9	9.2
S	.2	.9	1.7	1.9	.1							4.8	9.7
SSW		.2	.9	.8	.1							2.0	10.5
SW	.2	.4	.4	.1	.1							1.2	7.1
WSW	.1	.2	.4	.5								1.2	9.7
W		1.0	1.2	1.0	.1							3.3	9.1
WNW	.3	1.5	2.8	1.9	.4							6.9	9.5
NW	.8	4.5	11.9	4.6	.2	.1						22.2	8.6
NNW	.6	4.1	9.9	4.0	.2							18.7	8.5
VARBL													
CALM												4.0	
	5.3	23.2	44.3	21.7	1.3	.1	.1					100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 1614

DATA PROCESSING DIVISION  
ETAC, USAF  
ASPCVILLE, N. C. 28801

## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43310 STATION FUKUOKA KYUSHU JAPAN/ITA/UE AB 47-64 YEARS  
ALL WEATHER CLASS  
CONDIT'ON  
JUN MONTH  
1800-2000 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.3	5.5	3.0	1.1	.1							12.1	6.2
NNE	1.5	2.1	.7	.1								4.4	4.8
NE	2.3	1.4	.5	.1								4.3	4.3
ENE	.3	.7	.4	.1								1.5	5.6
E	.5	.7	.6	.2								1.9	6.2
ESE	.3	.4	.4	.1								1.1	6.1
SE	.5	2.2	2.4	.7	.2							6.1	7.4
SSE	.6	1.3	3.3	.7								5.9	7.8
S	.7	2.2	1.7	1.4	.1							6.0	7.6
SSW	.3	.4	.8	.2	.1							1.9	7.9
SW	.6	.9	.3	.2	.1							2.0	6.5
WSW	.6	.8	.3	.2								1.9	5.7
W	.7	2.5	1.1	.3								4.6	6.0
WNW	1.0	2.2	2.4	.4								6.1	6.4
NW	2.4	5.8	3.6	.4								12.2	5.7
NNW	2.0	5.3	4.1	.5								11.9	5.9
VARBL													
CALM												16.0	
	16.7	34.4	25.5	6.8	.7							100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 1620

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43310  
STATION

FUKUOKA KYUSHU JAPAN/ITAZUKE AB  
STATION NAME

47-64  
YEARS

JUN  
MONTH

2100-2300  
HOURS (L.S.T.)

ALL WEATHER  
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	2.2	1.4	.2	.1							5.6	5.7
NNE	1.4	.8	.3									2.5	4.0
NE	2.4	1.4	.3	.1								4.1	3.7
ENE	1.3	.1	.1									1.5	2.8
E	2.2	.4	.3									2.9	3.4
ESE	1.0	.4	.4	.1								1.9	4.3
SE	3.9	4.0	2.2	.8	.2							11.0	5.5
SSE	3.8	3.2	3.8	1.1	.1							12.0	6.2
S	1.9	3.0	1.6	1.0								7.5	6.2
SSW	.5	.7	.6	.3								2.0	6.2
SW	1.0	.7	.4									2.0	4.3
WSW	.2	.3										.6	3.9
W	.5	.6	.3	.1								1.5	5.3
WNW	.6	.7	.3									1.6	4.6
NW	1.0	1.3	.2	.1								2.6	4.3
NNW	.8	1.1	.6	.3								2.8	5.6
VARBL													
CALM												38.0	
	24.2	20.7	12.7	4.1	.4							100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 1620

4  
DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

4331C  
STATION

FUKUOKA KYUSHU JAPAN/ITAZUKE AB  
STATION NAME

47-64  
YEARS

JUL  
MONTH

0000-0200  
HOURS (L.S.T.)

ALL WEATHER  
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	.7	.1									1.3	3.9
NNE	.4	.1	.1									.6	3.9
NE	1.1	.2	.2									1.5	3.4
ENE	.8	.2		.2								1.2	4.3
E	1.4	1.0	.2									2.6	3.8
ESE	.7	1.1	.8	.1								2.7	5.7
SE	3.5	7.1	8.5	1.7	.1							21.0	6.6
SSE	2.6	7.0	6.6	1.7								18.0	6.6
S	2.4	3.3	4.0	1.4								11.2	6.7
SSW	.7	.4	.6	.3								1.9	6.6
SW	.7	.8	.5	.1								2.2	5.4
WSW	.1	.1	.1									.4	5.0
W	.3	.4	.2	.1								1.0	5.8
WNW	.2	.4	.2	.1								.8	5.8
NW	1.0	.3	.2	.1	.1							1.7	5.4
NNW	.6	.6	.1									1.3	3.9
VARBL												30.7	
CALM													
	17.1	23.7	22.4	5.9	.2							100.0	4.3

TOTAL NUMBER OF OBSERVATIONS

1674

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43310  
STATION

FUKUOKA KYUSHU JAPAN/ITAZUKE AB  
STATION NAME

47-64  
YEARS

JUL  
MONTH

ALL WEATHER  
CLASS

0300-0500  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	.5	.1									1.4	3.8
NNE	.4	.4	.2									.9	4.5
NE	.7	.4	.2									1.3	4.2
ENE	.4	.1	.2	.1								.7	5.3
E	1.4	.8	.5	.1								2.8	4.7
ESE	.6	1.3	1.0	.4								3.3	6.5
SE	3.6	7.6	8.3	2.0	.1							21.7	6.6
SSE	2.4	6.1	7.5	2.0	.1							18.0	7.0
S	2.7	4.0	2.9	1.4								11.1	6.4
SSW	.2	.7	.8	.4								2.2	7.1
SW	.1	.7	.4	.2								1.3	6.8
WSW	.2	.2	.2									.6	4.8
W	.2	.3	.1	.1								.6	5.0
WNW	.1	.3										.4	5.2
NW	.5	.4	.4	.2								1.6	5.8
NNW	.3	.3	.2									.8	4.7
VARBL													
CALM												31.5	
	14.5	24.1	22.9	6.8	.2							100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 1673

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43310 STATION FUKUOKA KYUSHU JAPAN/ITAZUKI AB 47-64 YEARS JUL  
MONTH  
0000-0800  
HOURS (L.S.T.)  
ALL WEATHER  
CLASS  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	.7	.4	.1								1.7	4.9
NNE	.1	.2										.4	4.0
NE	1.0	.7	.4									2.0	4.4
ENE	.2		.2	.1								.4	5.7
E	1.3	1.1	.4									2.8	4.4
ESE	1.0	1.3	.8	.4	.1							3.5	6.0
SE	3.0	6.5	11.1	3.0								23.7	7.3
SSE	2.4	6.6	8.0	3.1	.2							20.4	7.3
S	2.6	3.8	3.8	1.8	.1							11.9	6.8
SSW	.5	.7	.8	.1								2.2	6.3
SW	.7	.4	.5	.2								1.9	6.1
WSW	.1	.2	.2	.1	.1							.7	7.1
W	.4	.2	.2									.8	4.6
WNW	.2	.1										.4	3.3
NW	.2	.5	.2									.9	5.0
NNW	.4	.8	.1	.1								1.3	4.3
VARBL													
CALM												25.0	
	14.9	23.8	27.1	8.9	.4							100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 1674

DATA PROCESSING DIVISION  
 FTAC, USAF  
 ASHEVILLE, N. C. 28801

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43310 STATION FUKUOKA KYUSHU JAPAN/ITAZUKE AB 47-64 YEARS JUL MONTH 0900-1100 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	1.6	.7	.2								3.3	5.3
NNE	.9	1.5	.2	.1								2.6	4.4
NE	.7	.4	.2	.1								1.4	4.8
ENE	.1	.8	.4	.1								1.4	6.2
E	.7	1.0	.5	.1								2.3	5.5
ESE	.5	1.0	1.0	.2								2.7	5.9
SE	1.4	3.9	9.7	3.7	.1							18.8	8.3
SSE	.9	3.6	8.7	5.1	.2	.1						18.7	9.1
S	1.6	3.3	4.8	3.2	.3							13.2	8.2
SSW	.6	.7	1.9	1.0								4.2	8.2
SW	.8	.9	1.0	.4								3.1	6.6
WSW	.4	.3	.4	.1								1.1	6.1
W	.5	.9	.6	.2								2.2	6.1
WNW	.4	1.0	.7	.2								2.2	5.9
NW	1.1	3.0	1.7			.1						6.0	5.6
NNW	1.3	2.2	1.1	.1								4.6	5.2
VARBL													
CALM												12.1	
	12.6	26.1	33.7	14.7	.7	.2						100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 1674



DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43310 STATION FUKUOKA KYUSHU JAPAN/ITAZUKE AB 47-64 YEARS  
JUL MONTH  
1200-1400 HOURS (LST)  
ALL WEATHER CLASS  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	2.2	2.9	.6								6.4	7.0
NNE	.1	.7	.4	.1								1.3	6.3
NE	.2	1.0	.8	.2								2.2	6.9
ENE	.1	.6	.5	.2								1.4	6.9
E	.1	.8	1.2	.2			.1					2.4	7.9
ESE	.2	.5	1.0	.2								1.9	7.2
SE	.7	2.3	4.1	2.2	.1							9.3	8.2
SSE	.3	2.2	5.2	3.9	.6							12.2	9.6
S	.8	2.3	6.5	5.7	.4							15.7	9.7
SSW	.2	.7	2.2	2.0	.4							5.5	10.2
SW	.1	.5	1.1	.7								2.4	8.8
WSW	.2	.4	.5	.1								1.1	6.9
W	.4	.8	1.1	.3								2.6	7.2
WNW	.2	1.0	1.6	.6								3.5	7.9
NW	.8	3.6	10.2	1.2								15.8	7.7
NNW	.3	2.1	7.2	1.2		.1						10.9	8.2
VARBL													
CALM												5.5	
	5.4	21.7	46.4	19.3	1.5	.1	.1					100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 1671

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43310 STATION FUKUOKA KYUSHU JAPAN/ITAZUKE AB STATION NAME 47-64 YEARS  
ALL WEATHER CLASS  
CONDITION  
JUL MONTH  
1500-1700 HOURS (LST)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	3.3	4.4	1.1								9.8	7.2
NNE	.3	.6	.7	.3								1.9	7.1
NE	.5	1.3	1.0	.1								2.9	6.1
ENE	.5	.4	.9	.1	.1			.1				2.0	8.4
E	.2	.9	1.5	.4								2.9	7.4
ESE	.2	.6	.5	.2								1.5	7.1
SE	.6	1.4	3.0	1.5	.1							6.6	8.5
SSE	.3	1.2	4.2	2.9	.4	.2						9.3	10.3
S	.2	1.8	6.6	4.9	.2	.1						13.7	9.9
SSW	.1	1.1	1.7	1.6								4.4	9.3
SW	.3	.5	1.2	.9								2.9	8.7
WSW	.1	.4	.2									.8	5.6
W	.2	1.1	1.3	.5								3.0	7.8
WNW	.1	1.1	1.1	.8								3.0	8.3
NW	.6	4.1	10.3	2.3								17.2	8.1
NNW	.6	3.3	8.4	1.6								13.8	7.9
VARBL													
CALM												4.2	
	5.6	23.0	47.1	19.0	.8	.2		.1				100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 1674

DATA PROCESSING DIVISION  
ETAC, USAF  
ASPEVILLE, N. C. 28801

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43310	FUKUOKA KYUSHU JAPAN/ITAZUKE AB	47-64	JUL
STATION	STATION NAME	YEARS	MONTH
ALL WEATHER			1800-2000
CLASS			HOURS (L & T.)
CONDITION			

SPEED (KNTS)	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
DIR.													
N	2.3	4.4	2.3	.2								9.3	5.2
NNE	.7	1.3	.4									2.5	5.0
NE	1.3	1.6	.4									3.4	4.3
ENE	.7	.8	.4			.1	.1					2.1	6.7
E	.8	1.9	1.3	.1								4.0	5.5
ESE	.6	1.0	.7	.2								2.4	5.8
SE	1.0	3.1	4.3	1.0	.1							9.5	7.3
SSE	.8	3.1	5.7	2.6	.2	.1						12.6	8.4
S	.8	2.9	4.9	2.3	.3							11.1	8.3
SSW	.3	1.0	1.2	.8								3.3	8.1
SW	.5	1.1	1.0	.1								2.8	6.0
WSW	.1	.5	.4									1.0	5.6
W	.7	1.6	1.0	.1	.1							3.4	5.9
WNW	.6	1.3	.8		.1							2.8	5.6
NW	1.6	4.7	3.3	.2								9.8	5.7
NNW	.9	5.1	3.5									9.6	5.7
VARBL													
CALM												10.7	
	13.8	35.4	31.6	7.6	.7	.1	.1					100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 1671

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43310 FUKUOKA KYUSHU JAPAN/ITAZUKE AB 47-64 JUL  
STATION STATION NAME YEARS MONTH  
ALL WEATHER  
CLASS  
CONDITION  
2100-2300  
HOURS (LST)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	1.7	.3	.1								2.9	4.7
NNE	.5	.5	.1									1.1	4.1
NE	1.3	1.1	.1									2.6	3.7
ENE	.8	.4	.2	.1								1.4	4.2
E	1.9	1.1	.5	.1								3.7	4.1
ESE	1.0	.6	.7	.2	.1							2.6	5.9
SE	2.6	4.7	6.6	1.8								15.7	6.8
SSE	2.6	6.3	6.2	2.2	.1	.1						17.5	7.0
S	1.6	3.9	3.4	1.5								10.4	6.8
SSW	.5	.5	.4	.2								1.7	6.0
SW	1.2	.7	.7	.2								2.8	5.2
WSW	.5	.2	.1									.8	3.8
W	.5	.3	.1									1.0	3.8
WNW	.3	.5		.1								.8	4.6
NW	1.4	1.3	.3	.1								3.1	4.3
NNW	.4	.8	.2	.1	.1							1.6	5.7
VARBL												30.3	
CALM													
	18.1	24.9	19.8	6.6	.2	.1						100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 1671

4  
DATA PROCESSING DIVISION  
ETAC, USAF  
ASPEVILLE, N. C. 28801

## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43310  
STATION

FUKUOKA KYUSHU JAPAN/ITAZUKE AB  
STATION NAME

47-64  
YEARS

AUG  
MONTH

ALL WEATHER  
CLASS

0000-2200  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.8	.2	.1								1.4	5.2
NNE	.7	.1		.1								.8	4.5
NE	.8	.4	.3	.1								1.5	4.7
ENE	.5	.4	.2	.3		.2	.1			.1		1.7	10.6
E	1.1	1.1	.5	.5	.1							3.2	6.1
ESE	1.3	.8	.8	.2								3.0	5.4
SE	4.7	5.0	5.1	1.0	.2							15.9	5.9
SSE	3.7	5.0	3.0	.8	.3	.1	.1					13.0	6.1
S	4.1	3.8	1.0	.4	.2							9.4	4.7
SSW	.3	.5	.3	.2								1.3	5.9
SW	.4	.4	.1	.1								.8	4.4
WSW				.1								.1	11.0
W	.3	.2										.5	3.6
WNW	.3	.1	.1									.5	3.7
NW	.5	.3	.1									.9	4.3
NNW	.4	.3	.2	.4								1.3	7.3
VARBL													
CALM												44.5	
	19.2	19.2	11.9	4.0	.7	.2	.1			.1		100.0	3.2

TOTAL NUMBER OF OBSERVATIONS

1674

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 43310 FUKUOKA KYUSHU JAPAN/ITAZUKE AB 47-64 YEARS MONTH AUG  
CLASS ALL WEATHER HOURS (LST) 0300-0500  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	.4	.2		.1							1.2	5.9
NNE	.4	.2	.1	.1								.8	5.2
NE	.5	.5	.2	.1								1.3	4.7
ENE	.5	.4	.4	.3	.1	.1						1.7	7.1
E	1.4	1.0	.9	.4				.1				3.8	6.6
ESE	1.1	1.1	.7									2.9	4.8
SE	4.4	5.0	5.2	.8	.1		.1	.1				15.6	6.1
SSE	4.2	5.9	4.7	1.1	.1	.1						16.0	6.0
S	3.3	2.9	1.5	.4	.1							8.1	5.1
SSW	.7	.5	.2									1.4	4.3
SW	.4	.2	.2									.9	4.7
WSW	.1	.1										.2	3.3
W	.4	.2	.2	.1								.8	4.8
WNW	.2	.1	.1									.5	4.6
NW	.2	.2	.1									.5	5.0
NNW	.6	.1	.1	.2	.1							1.0	6.1
VARBL													
CALM												43.4	
	19.0	18.7	14.8	3.3	.5	.1	.1	.2				100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 1672

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43310 STATION FUKUOKA KYUSHU JAPAN/ITA/UKA AB 47-64 YEARS AUG MONTH  
ALL WEATHER CLASS 0600-1800 HOURS (L.S.T.)  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	.4	.2	.1		.1						1.4	6.1
NNE	.5	.2	.2	.2								1.1	5.9
NE	.4	.5	.5	.1	.1							1.6	6.6
ENE	.3	.3	.4	.4	.1		.1					1.6	9.3
E	1.5	.7	1.0	.7			.1					3.9	6.6
ESE	.7	.5	.9	.2								2.2	6.1
SE	4.2	5.2	6.5	1.6	.1	.1						17.7	6.6
SSE	3.3	6.4	5.7	2.2	.1	.1						17.7	6.9
S	3.3	4.1	1.3	.5								9.2	4.9
SSW	.4	.7	.2									1.4	4.8
SW	.7	.2		.1			.1	.1				1.1	7.2
WSW		.1	.1	.1								.2	8.0
W	.2	.1	.1	.1								.5	6.9
WNW	.2	.2	.1	.1								.5	5.4
NW	.5	.5	.2	.1								1.2	4.8
NNW	.4	.4	.1	.1		.1						1.1	6.5
VARBL													
CALM												37.5	
	17.2	20.4	17.4	6.5	.4	.4	.2	.1				100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 1674

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43310 STATION FUKUOKA KYUSHU JAPAN/ITAZUKA AB 47-64 YEARS  
ALL WEATHER CLASS  
CONDITION  
AUG MONTH  
0900-1100 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.9	2.2	2.0	.3								6.4	5.6
NNE	1.0	1.3	.6	.2	.2							3.3	6.2
NE	.8	1.0	1.0	.5								3.3	6.5
ENE	.2	.3	1.3	.5			.1					2.4	9.0
E	.5	1.0	1.5	.5	.2							3.8	8.0
ESE	.7	.4	1.3	.5	.2							3.0	8.3
SE	1.6	3.0	6.3	2.7	.1	.1						13.7	7.9
SSE	1.4	4.2	6.2	3.0	.2	.1						15.2	8.1
S	1.3	3.4	2.6	1.3	.2	.1	.1	.1				9.0	7.7
SSW	.7	1.5	.5	.4								3.0	5.9
SW	.8	.8	.4	.1								2.2	4.8
WSW	.1	.2	.3									.5	6.4
W	.8	.7	.2	.2		.1	.1					2.0	7.2
WNW	.4	1.2	.8	.2								2.6	6.3
NW	2.0	2.4	1.6	.5								6.5	5.8
NNW	1.1	2.6	1.9	.5								6.1	6.1
VARBL												17.2	
CALM													
	15.2	26.0	28.4	11.4	1.1	.2	.2	.1				100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 1674



DATA PROCESSING DIVISION  
ETAC, USAF  
ASPEVILLE, N. C. 28801

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43310 FUKUOKA KYUSHU JAPAN/ITAZUKE AB 47-64  
STATION STATION NAME YEARS  
APR WEATHER  
1200-1400  
HOURS (LST)

SPEED (KTS)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
DIR.													
N	.7	2.6	4.6	.6	.2							9.7	8.0
NNL	.3	1.1	1.0	.4		.2						2.9	8.0
NE	.5	1.3	1.7	.8								4.0	7.0
ENE		.5	1.4	.8	.1							2.9	9.4
E	.2	.7	1.7	.8								3.6	8.3
ESE	.2	.2	1.1	.5	.1							2.0	9.0
SE	.7	1.7	3.1	1.7	.2							7.4	8.5
SSE	.2	1.1	3.5	2.8	.4	.1	.1					8.2	10.1
S	.5	1.9	3.0	2.0	.5	.1						8.1	9.0
SSW	.1	.6	1.3	.5	.1							2.6	8.8
SW	.2	.6	.5	.3								1.6	6.8
WSW	.1	.2	.3	.1	.1							.7	8.3
W	.2	.3	.7	.4	.1							1.7	9.0
WNW	.1	1.0	1.4	.8								3.3	8.4
NW	.8	5.1	10.2	2.4	.1							18.5	7.9
NNW	1.0	4.2	9.5	3.8								18.4	8.4
VARBL													
CALM												4.4	
	5.8	23.2	45.1	19.3	1.7	.4	.1					100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 1673

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43310  
STATION

FUKUOKA KYUSHU JAPAN/ITAZUKE AB  
STATION NAME

47-64  
YEARS

AUG  
MONTH

ALL WEATHER  
CLASS

1500-1700  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	2.4	7.1	2.0	.3							12.5	8.4
NNE	.3	.8	1.3	.7	.1	.1						3.3	3.6
NE	.4	1.3	1.7	.4								3.8	7.0
ENE	.4	1.0	1.7	1.0	.2	.1						4.3	8.8
E	.2	1.1	1.9	.3	.1							3.6	7.6
ESE	.3	.1	.8	.4	.1							1.7	8.8
SE	.1	1.0	2.1	.8	.2	.1	.1					4.4	9.5
SSE	.5	.7	2.2	1.1	.1							4.6	8.8
S	.4	1.5	3.0	1.6	.7			.1				7.2	9.7
SSW	.1	.5	1.4	1.0	.1							3.1	9.0
SW	.1	.3	.4	.1								.8	7.6
WSW		.4	.5	.1								1.0	7.6
W	.1	.4	1.1	.1								1.7	7.6
WNW	.3	1.6	1.4	1.0								4.3	7.9
NW	.7	4.9	11.4	2.2								19.2	7.8
NNW	.5	3.5	12.0	4.4	.1							20.5	8.8
VARBL													
CALM												4.0	
	5.0	21.5	50.2	17.2	1.9	.2	.1	.1				100.0	8.1

TOTAL NUMBER OF OBSERVATIONS

1660

DATA PROCESSING DIVISION  
ETAC, USAF  
ASPEVILLE, N. C. 28801

## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43310  
STATION

FUKUCKA KYUSHU JAPAN/ITA/UKI AB  
STATION NAME

47-64  
YEARS

AUG

MONTH

1800-2000

HOURS (LST.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	6.8	3.3	.2	.4							12.3	6.2
NNE	1.6	2.0	.8	.4								4.7	5.3
NE	1.6	1.7	1.0	.2		.1						4.6	5.3
ENE	.8	1.1	.5	.4	.1	.1						3.0	7.0
E	.8	1.3	1.3	.3	.1							3.8	6.4
ESE	.4	.7	.7	.1								1.9	6.0
SE	1.2	2.8	2.6	.2	.1	.1						7.0	6.4
SSE	1.2	2.5	2.9	1.1			.1	.1				7.8	7.7
S	1.1	2.3	2.2	.5	.2							6.4	6.8
SSW	.6	.8	.7	.1								2.2	6.0
SW	.6	.8	.5									1.9	4.8
WSW	.2	.4	.1									.7	5.0
W	.5	.9	.7									2.1	5.5
WNW	.3	1.3	.8	.1								2.5	6.0
NW	1.7	5.0	2.8	.1								9.5	5.5
NNW	2.0	5.7	3.6	.4	.1							11.8	5.8
VARBL												17.6	
CALM													
	16.1	36.2	24.6	4.1	1.0	.2	.1	.1				100.0	5.0

TOTAL NUMBER OF OBSERVATIONS

1668

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43310 STATION FUKUOKA KYUSHU JAPAN/ITAZUKE AB 47-64 YEARS AUG MONTH  
2100-2300 HOURS (LST)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	1.0	.3	.1	.1							2.6	4.7
NNE	.9	.3	.1	.2								1.6	5.3
NE	1.5	1.1	.4			.1						3.1	4.6
ENE	1.3	.7	.4	.2	.1							2.7	5.8
E	1.7	1.2	.8	.1	.1							4.0	5.2
ESE	.8	1.0	.3	.2		.1						2.4	5.3
SE	4.8	4.9	3.1	.5	.1	.1						13.5	5.3
SSE	3.1	4.3	3.8	1.0	.2	.1	.1					12.5	6.6
S	3.2	4.3	1.3	.2	.2							9.0	5.0
SSW	1.0	.8	.2	.1								2.1	4.3
SW	.8	.1										.9	2.9
WSW	.4	.2	.1	.1								.8	4.5
W	.2	.2	.1									.5	3.9
WNW	.3	.2	.1									.6	4.0
NW	.5	.8	.1	.1								1.4	4.4
NNW	.7	.8	.4	.4	.1							2.3	6.8
VARBL													
CALM												40.0	
	22.4	21.9	11.3	3.1	.9	.3	.1					100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 1670

4

1

3



4

**THIS**

1131

1

1210 WS FORM JUL 64

4  
DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43310 STATION FUKUOKA KYUSHU JAPAN/ITAZUKE AB 46-64 YEARS SEP  
NORTH  
ALL WEATHER CLASS 0300-0500  
HOURS (L.S.T.)  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	1.1	.6	.5		.1	.1					3.1	7.6
NNE	.2	.4	.7	.4								1.6	8.1
NE	1.0	1.1	.3		.1	.1	.1					2.5	5.5
ENE	.2	.2	.2	.1								.8	6.5
E	1.1	.4	.1									1.5	3.4
ESE	1.4	.7	.1	.1		.1						2.2	4.5
SE	5.7	4.6	3.7	.8		.1						14.9	5.3
SSE	4.8	4.8	2.2	.6		.1						12.5	5.0
S	3.3	3.3	1.1	.2			.1					7.9	4.7
SSW	.7	.5	.1									1.4	4.0
SW	.9	.2		.1	.1							1.2	4.4
WSW	.1	.2	.1	.1								.4	5.8
W	.5	.4	.1	.1								1.0	5.5
WNW	.1	.2	.3	.1								.8	6.6
NW	.1	.1	.4	.1	.1	.1						.8	9.4
NNW	.5	.5	.5	.3								1.8	6.4
VARBL													
CALM												45.6	
	21.4	18.5	10.3	3.4	.2	.4	.2					100.0	2.9

TOTAL NUMBER OF OBSERVATIONS 1689

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43310 STATION FUKUOKA KYUSHU JAPAN/ITAZUKE AB 46-64 YEARS SEP MONTH  
0600-0800 HOURS (LST)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.1	1.1	.5		.2	.2					3.9	9.2
NNE	.5	.9	.5	.4	.1							2.5	7.1
NE	1.2	1.1	.2	.2								2.8	4.7
ENE	.4	.1	.1	.1								.7	4.1
E	1.1	.3	.3	.1								1.8	4.4
ESE	1.1	.8	.4									2.3	4.0
SE	5.4	5.6	3.7	1.3	.1	.2						16.2	5.8
SSE	4.2	5.0	2.9	.9	.1							13.2	5.6
S	3.1	3.1	.8	.4		.1						7.5	4.9
SSW	.9	.5	.1	.1	.1							1.7	4.7
SW	1.1	.5	.1	.2								1.9	4.4
WSW	.2	.2	.1	.1								.5	6.1
W	.3	.2	.2									.8	5.3
WNW	.2	.2		.1								.4	4.7
NW	.5	.3	.1	.1				.1				1.0	6.6
NNW	.2	.6	.4	.2								1.4	6.6
VARBL													
CALM												41.5	
	21.2	20.4	11.0	4.7	.4	.5	.2	.1				100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 1688

4  
DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

3  
SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

43310 STATION FUKUOKA KYUSHU JAPAN/ITAZUKE AB 46-64 YEARS SEP NORTH  
ALL WEATHER CLASS 0900-1100 HOURS (L.S.T.)  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.9	2.5	2.2	.5	.4	.2	.1					7.7	7.2
NNF	.9	2.1	1.2	.6	.1	.1						4.9	6.8
NE	1.2	2.0	2.2	.8								6.1	6.9
ENE	.4	.8	.7	.1								2.0	6.3
E	.8	.8	.4									1.9	4.6
ESE	.7	.7	.5	.1								2.0	5.5
SE	1.7	4.0	4.0	1.7			.1					11.3	7.1
SSE	1.8	3.7	5.3	1.8	.1	.1	.1	.1				12.9	7.6
S	2.1	2.5	2.0	.5		.1						7.1	6.0
SSW	.8	1.4	.7	.1								3.1	5.5
SW	.5	.6	.4	.2								1.7	6.1
WSW	.2	.2	.2	.1								.8	5.8
W	1.0	.9	.9			.1						2.9	5.9
WNW	.4	1.1	.8	.1								2.3	6.0
NW	1.2	2.4	1.2	.2				.1				5.1	5.8
NNW	.9	1.8	1.6	.6		.1						5.0	6.8
VARBL													
CALM												23.1	
	16.5	27.5	24.1	7.4	.5	.5	.2	.1				100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 1692



4  
DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43310  
STATION

FUKUOKA KYUSHU JAPAN/ITAZUKE AB  
STATION NAME

46-64  
YEARS

SEP  
MONTH

ALL WEATHER  
CLASS

1200-1400  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	3.3	6.1	2.7	.4	.1						13.7	8.5
NNE	.6	2.2	2.4	1.2	.1	.1						6.7	7.9
NE	.8	3.0	3.1	.7	.1							7.6	6.9
ENE	.4	.8	1.2	.5								2.9	7.3
E	.3	1.5	.4									2.2	5.4
ESE	.2	.4	.4	.2								1.2	7.3
SE	.2	2.1	3.1	.6	.1							6.0	7.7
SSE	.4	.9	2.7	1.4	.1							5.4	9.1
S	.4	1.6	1.5	1.1	.1	.1	.1	.1				4.9	9.1
SSW	.2	.4	.5	.5	.1	.1						1.9	9.6
SW	.4	.5	.1	.2	.1	.1						1.2	7.3
WSW	.4	.3	.2	.2								1.2	6.9
W	.4	.9	.5	.3	.1							2.1	6.7
WNW	.7	1.9	2.4	.6								5.6	7.1
NW	1.1	5.9	7.4	1.1								15.5	6.9
NNW	.8	4.1	6.9	2.2	.1	.1						14.1	8.0
VARBL													
CALM												7.9	
	8.3	29.6	39.0	13.5	1.0	.6	.1	.1				100.0	7.1

TOTAL NUMBER OF OBSERVATIONS

1692

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43310 FUKUOKA KYUSHU JAPAN/ITAZUKE AB 46-64 SEP  
STATION STATION NAME YEARS  
ALL WEATHER  
CLASS  
CONDITION  
1500-1700  
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	6.3	8.6	4.2	.2	.1						20.4	8.2
NNE	.8	1.9	3.3	.9	.1	.1						7.0	7.7
NE	1.2	3.5	2.7	.5		.1						8.0	6.5
ENE	.2	.6	1.1	.2								2.1	7.2
E	.5	.9	1.0	.1								2.5	5.7
ESE	.3	.5	.3	.1								1.1	5.3
SE	.4	1.4	1.3	.4	.1							3.5	7.0
SSE	.2	1.1	1.4	1.0	.1	.2						4.0	9.1
S	.3	.9	1.1	.9	.1							3.3	8.8
SSW	.2	.2	.7	.2	.1		.1					1.4	10.3
SW	.3	.5	.4	.1								1.3	6.0
WSW	.2	.3	.5	.1								1.1	6.6
W	.2	1.0	1.4	.2								2.8	7.1
WNW	.2	1.4	1.8	.5								3.9	7.8
NW	1.6	6.0	6.2	1.2								15.0	6.7
NNW	.9	5.5	8.9	1.2								16.5	7.4
VARBL													
CALM												6.1	
	8.6	31.9	40.6	11.6	.7	.4	.1					100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 1691

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43310 STATION FUKUOKA KYUSHU JAPAN/ITAZUKE AB 46-64 YEARS  
ALL WEATHER CLASS  
SEP MONTH  
1800-2000 HOURS (LST)

SPEED (KNTS)	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
DIR.													
N	2.9	5.6	2.7	.7	.3	.1						12.1	6.0
NNE	3.0	3.5	2.0	.4		.1						8.9	5.3
NE	3.8	3.3	1.2	.3	.1							8.6	4.5
ENE	.9	1.1	.3		.1		.1					2.4	5.3
E	1.3	.9	.4	.1								2.8	4.7
ESE	.7	.8	.2	.1	.1							1.8	5.0
SE	1.8	2.2	1.1	.4	.1							5.6	5.4
SSE	1.8	2.3	1.5	.8	.2	.4						6.9	7.4
S	1.5	2.1	.7	.2								4.5	5.0
SSW	.7	.9	.2	.2								2.1	5.5
SW	.6	.6	.2	.1								1.4	4.9
WSW	.6	.4	.3	.1								1.4	4.8
W	.8	1.0	.7	.1								2.5	5.3
WNW	.4	.8	.2	.2								1.7	5.4
NW	2.4	2.6	.8									5.8	4.3
NNW	1.6	2.7	.9	.2	.1							5.6	5.3
VARBL													
CALM												26.0	
	24.7	31.0	13.2	3.7	.8	.5	.1					100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 1691

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43310 STATION FUKUOKA KYUSHU JAPAN/ITAZUKE AB 46-64 YEARS SEP MONTH  
ALL WEATHER CLASS 2100-2300 HOURS (LST)  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	1.7	1.2	.7	.2	.1						5.0	7.2
NNE	1.0	.9	.5	.3	.1							2.8	6.0
NE	1.3	1.3	.5	.1								3.2	4.6
ENE	.7	.3										.9	3.3
E	2.4	.7	.1	.1								3.3	3.3
ESE	1.5	.7	.4	.1	.1							2.7	5.0
SE	6.0	4.8	1.7	.6								13.1	4.5
SSE	4.8	3.5	2.3	1.1	.1							11.8	5.5
S	3.9	2.6	.8	.1	.1							7.4	4.1
SSW	1.2	.7	.1									2.0	3.6
SW	.6	.5	.1									1.2	4.0
WSW	.2	.2	.1									.5	4.8
W	.4	.4	.1									.9	4.4
WNW	.1	.2	.1									.4	4.6
NW	.5	.5	.1									1.1	4.2
NNW	.5	.6	.6	.2	.1							2.0	7.0
VARBL													
CALM												41.9	
	26.1	19.6	8.6	3.1	.7	.1						100.0	2.9

TOTAL NUMBER OF OBSERVATIONS 1692

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43310 STATION FUKUOKA KYUSHU JAPAN/ITAZUKE AB 46-64 YEARS  
OCT MONTH  
0000-0200 HOURS (LST)  
ALL WEATHER CLASS  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	.5	.9	.5	.2		.1					3.0	7.7
NNE	1.0	.9	.5	.2								2.5	5.5
NE	1.0	1.3	.2	.1								2.6	4.2
ENE	.6	.3	.2									1.1	4.1
E	1.8	.5	.1	.1								2.4	3.4
ESE	1.5	.6	.1	.2								2.3	4.0
SE	5.7	4.5	.8	.3								11.2	4.0
SSE	6.5	3.9	1.2	.3	.1							11.9	4.1
S	4.8	2.8	.5	.1								8.2	3.9
SSW	.7	.3	.1									1.1	3.6
SW	.5	.2	.1									.8	4.4
WSW	.1											.1	2.5
W	.3	.4	.2	.2								1.1	6.5
WNW	.1		.1	.1	.2							.5	10.8
NW	.3	.5	.4	.1	.2							1.5	7.8
NNW	.3	.4	.5		.1		.1	.1				1.3	8.6
VARBL													
CALM												48.4	
	26.0	17.1	5.7	2.0	.6		.1	.1				100.0	2.4

TOTAL NUMBER OF OBSERVATIONS 1706

DATA PROCESSING DIVISION  
ETAC, USAF  
ASPEVILLE, N. C. 28801

## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43310  
STATION

FUKUOKA KYUSHU JAPAN/ITAZUKE AB  
STATION NAME

46-64  
YEARS

OCT  
MONTH

ALL WEATHER  
CLASS

0300-0500  
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.1	1.1	.3	.2	.1						3.5	7.6
NNF	.4	.6	.6	.3	.1							1.9	7.0
NE	1.0	.5	.3									1.8	4.1
ENE	.2	.2										.4	3.4
E	1.4	.5	.1									1.9	3.2
ESE	1.9	.5	.1		.1							2.5	3.4
SE	5.0	3.5	.6	.3	.1							9.5	4.1
SSE	5.7	4.2	1.2	.4								11.5	4.3
S	4.2	4.4	.6									9.2	4.0
SSW	.7	1.0										1.7	3.7
SW	.5	.2	.1									.8	3.4
WSW	.3	.2	.1									.6	4.5
W	.2	.2	.2	.2								.8	6.3
WNW	.2	.2	.1	.2	.1							.7	8.7
NW	.1	.3	.5	.8								1.7	9.8
NNW	.3	.5	.7	.2	.1			.2				1.8	9.9
VARBL													
CALM												49.9	
	22.6	18.0	6.1	2.6	.5	.1		.2				100.0	2.4

TOTAL NUMBER OF OBSERVATIONS

1767

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43310  
STATION

FUKUOKA KYUSHU JAPAN/ITA/UKA AB  
STATION NAME

46-64  
YEAR

OCT

MONTH

0600-0800  
HOURS (L.S.T.)

ALL WEATHER  
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.0	1.0	.3	.2	.1						3.1	1.4
NNE	.6	1.1	.6	.2	.1							2.5	6.2
NE	1.0	1.4	.2									2.5	4.2
ENE	.5	.2	.2									.9	4.3
E	.8	.5		.1								1.3	3.5
ESE	1.3	.6	.1	.1								2.0	3.6
SE	5.0	3.6	1.1	.5								10.3	4.4
SSE	6.2	4.2	1.3	.1	.1							11.9	4.1
S	4.1	3.9	1.1	.3								9.5	4.5
SSW	1.4	.5	.1	.1								2.0	3.5
SW	.5	.3	.1									.9	3.8
WSW	.3	.2	.1									.6	4.1
W	.2	.4	.3	.2								1.1	7.6
WNW	.1	.2	.2	.3	.1							.9	9.0
NW	.1	.6	.8	.3								1.8	8.1
NNW	.3	.3	.8	.3	.1	.1		.1				2.0	10.1
VARBL												46.5	
CALM													
	22.9	18.9	8.3	2.8	.5	.1		.1				100.0	2.7

TOTAL NUMBER OF OBSERVATIONS

1767

4  
DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

4331C STATION FUKUOKA KYUSHU JAPAN/ITAZUKE AB 46-64 YEARS MONTH 001  
ALL WEATHER CLASS 0900-1100 HOURS (LST.)  
CONDITION#

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	2.7	2.8	1.3	.2		.1					8.9	7.2
NNE	1.1	1.2	3.3	1.0	.1							6.6	7.5
NE	1.1	3.1	4.4	.5								9.1	6.7
ENE	.2	.7	1.8	.3	.1							3.1	7.6
E	.5	.8	.7									2.0	5.8
ESE	.5	.9	.3	.2								1.9	5.5
SE	1.1	1.6	2.5	.5								5.7	6.6
SSE	2.1	2.9	3.1	.4								8.4	5.9
S	2.8	2.7	2.0	.7								8.2	5.6
SSW	1.0	.4	.3	.1								1.7	4.5
SW	.8	.3	.1									1.2	3.9
WSW	.5	.3	.2	.1								1.0	4.9
W	.8	.6	.7	.3								2.5	6.5
WNW	.8	1.0	1.1	.8								3.8	7.3
NW	1.1	1.8	1.5	1.2	.1							5.7	7.4
NNW	1.1	.8	1.7	1.4	.1							5.0	8.2
VARBL												25.1	
CALM													
	17.3	22.0	26.4	8.7	.5		.1					100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 1767



DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43310 STATION FUKUOKA KYUSHU JAPAN/ITAZUKE AB 46-64 YEARS (ICI)  
STATION NAME NORTH  
ALL WEATHER CLASS 1200-1400  
CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	4.1	6.6	5.4	.1							17.0	9.0
NNE	.7	2.0	4.1	2.6	.2							9.6	8.9
NE	1.4	3.6	5.3	1.1	.1							11.4	7.1
ENE	.3	1.1	2.0	.2								3.6	7.1
E	.6	1.3	1.0									2.8	5.7
ESE	.5	.3	.3	.1								1.1	5.3
SE	.7	1.5	1.4	.5								4.1	6.7
SSE	.3	1.0	1.2	.3								2.8	7.1
S	.7	1.1	1.4	.2								3.3	6.5
SSW	.2	.5	.2	.1	.1							1.0	7.4
SW	.3	.3	.5									1.0	5.6
WSW	.3	.5	.2	.1								1.1	5.5
W	.3	.6	.8	.6	.1							2.4	8.3
WNW	.3	1.4	2.3	1.1	.2							5.3	8.5
NW	.7	4.0	6.7	2.7	.1							14.2	8.1
NNW	.6	3.3	6.0	2.9								12.8	8.4
VARBL													
CALM												6.3	
	8.7	26.4	40.0	17.8	.7							100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 1767

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43310  
STATION

FUKUOKA KYUSHU JAPAN/ITAZUKE AB  
STATION NAME

46-64  
YEARS

OCI  
MONTH

ALL WEATHER  
CLASS

1500-1700  
HOURS (LST)

CONDITION

SPEED (KNTS) Dir.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	5.5	12.1	4.8								23.8	8.2
NNE	1.0	3.5	5.2	2.4	.1							12.2	8.1
NE	1.1	3.7	4.5	.8								10.1	6.9
ENE	.4	1.6	1.4									3.4	6.0
E	.6	1.1	.4	.1								2.2	5.2
ESE	.2	.5	.1									.7	4.5
SE	.3	.6	.8	.2								1.9	6.6
SSE	.3	.6	.6									1.5	6.0
S	.3	.9	.7	.1								2.0	6.0
SSW	.2	.3		.1								.6	5.4
SW	.2	.3	.2	.1								.8	6.1
WSW	.2	.2	.3	.2								.8	7.9
W	.1	.8	1.3	.6								2.8	8.3
WNW	.5	.7	2.3	1.5	.1							5.1	9.0
NW	1.3	4.1	5.3	1.4	.1							12.2	7.2
NNW	.9	4.0	6.3	2.0								13.3	7.6
VARBL													
CALM												6.6	
	8.9	28.6	41.6	14.0	.2							100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 1766

4  
DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43310  
STATION

FUKUOKA KYUSHU JAPAN/ITAZUKE AB  
STATION NAME

46-64  
YEARS

OCT  
MONTH

1800-2000  
HOURS (L.S.T.)

ALL WEATHER  
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.7	5.8	2.2	.7	.2							11.5	5.6
NNE	3.8	4.8	1.6	.2								10.5	4.7
NE	4.1	3.0	1.4									8.6	4.3
ENE	1.9	1.4	.3	.1								3.6	3.7
E	1.4	.8	.1	.1								2.4	3.8
ESE	1.2	.5	.1									1.7	3.3
SE	1.9	1.7	.3									3.9	3.9
SSE	2.3	3.3	.6	.1								6.2	4.3
S	2.7	2.0	.6									5.3	4.0
SSW	.8	.7	.1									1.5	3.9
SW	.2	.5	.2									1.0	5.1
WSW	.3	.2	.2									.8	4.8
W	.6	.3	.5	.4								1.8	6.8
WNW	.5	.7	.6	.1								1.8	6.1
NW	1.0	2.0	.6	.2	.1							3.9	5.6
NNW	1.2	1.8	.5									3.5	4.5
VARBL													
CALM												32.0	
	26.6	29.5	9.9	1.8	.3							100.0	3.2

TOTAL NUMBER OF OBSERVATIONS 1765

4  
DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43310  
STATION

FUKUOKA KYUSHU JAPAN/ITAZUKE AB  
STATION NAME

46-64  
YEARS

OC1  
MONTH

2100-2300  
HOURS (L.S.T.)

ALL WEATHER  
CLASS

CONDITION

OK  
OK

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	1.1	.7	.5	.2			.1				3.7	6.8
NNE	1.0	1.2	.5	.1					.1			2.9	5.6
NE	1.8	1.4	.3									3.5	3.9
ENE	.8	.2	.1									1.1	3.4
E	1.2	.5	.1									1.7	2.9
ESE	2.0	.8										2.8	2.9
SE	4.6	3.3	.9	.2								9.1	4.1
SSE	5.7	4.3	.6	.1								10.7	3.8
S	4.0	4.0	.5									8.4	3.9
SSW	1.0	.3	.1									1.4	3.5
SW	.6	.5										1.0	3.6
WSW	.3	.2										.5	3.6
W	.2	.1	.1	.2								.5	7.1
WNW	.2	.3	.2	.3	.2							1.1	10.6
NW	1.0	.5	.2	.1	.2							1.9	5.5
NNW	.3	1.1	.2		.1							1.7	5.8
VARBL													
CALM												48.0	
	25.7	19.6	4.4	1.5	.7			.1	.1			100.0	2.3

TOTAL NUMBER OF OBSERVATIONS

1764

4  
DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43310 FUKUOKA KYUSHU JAPAN/ITAZUKE AB 46-64 NCV  
STATION NAME YEARS MONTH  
ALL WEATHER 0000-0200  
CLASS HOURS (L & T.)  
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	1.2	1.1	.6	.1							3.7	7.0
NNE	.6	1.0	.4	.1								2.2	5.2
NE	1.2	.6	.4	.1								2.2	4.4
ENE	.4	.2	.1									.6	3.5
E	1.2	.4	.2	.1								1.9	3.9
ESE	1.6	.9	.2	.1								2.9	3.9
SE	7.3	4.7	1.9	.3								14.2	4.2
SSE	6.2	5.8	1.9	.4	.1							14.4	4.6
S	3.7	5.0	.8	.1								9.6	4.2
SSW	.8	.4	.1									1.3	3.7
SW	.5	.2	.3									1.0	5.1
WSW	.2	.2	.5	.1								.9	7.1
W	.4	.5	.9	.3	.1							2.1	7.6
WNW	.2	.2	.6	.6	.1	.1						1.8	10.3
NW	.3	.2	.8	.9								2.2	9.7
NNW	.2	.4	.5	.8	.1							1.8	9.6
VARBL													
CALM												37.1	
	25.5	21.8	10.6	4.6	.4	.1						100.0	3.2

TOTAL NUMBER OF OBSERVATIONS 1710

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43310 STATION FUKUCKA KYUSHU JAPAN/ITAZUKE AB 46-64 YEARS NCV  
MONTH  
0300-0500  
HOURS (L.S.T.)  
ALL WEATHER  
CLASS  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.4	.8	.6	.2							3.7	7.2
NNE	.7	.8	.5	.2								2.2	5.7
NE	.9	1.1	.3									2.2	4.2
ENE	.8	.5	.2									1.5	4.3
E	1.3	.7	.2	.1								2.3	3.6
ESE	1.5	.5	.3	.2								2.5	4.4
SE	6.3	5.8	1.4	.2								13.8	4.2
SSE	6.0	6.5	1.8	.3								14.6	4.4
S	4.2	3.7	.7	.4								9.0	4.4
SSW	.6	.9	.2									1.7	4.3
SW	.4	.5	.1									.9	4.2
WSW	.4	.2	.4									1.1	5.8
W	.7	.3	.6	.2	.1							2.0	7.2
WNW	.2	.2	.8	.9	.2	.1						2.3	10.9
NW	.2	.6	1.6	1.3	.1							3.9	9.2
NNW	.2	.2	.8	.6								1.9	9.2
VARBL													
CALM												34.5	
	25.2	23.9	10.8	5.0	.6	.1						100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 1709

4  
DATA PROCESSING DIVISION  
ETAC, USAF  
ASPEVILLE, N. C. 28801

## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43310 STATION FUKUOKA KYUSHU JAPAN/ITAZUKE AB 46-64 YEARS NOV  
MONTH  
0600-0800  
HOURS (LST)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	.9	.7	.8	.1							3.0	7.6
NNE	.5	.8	.6	.5								2.4	6.9
NE	1.0	.9	.3									2.2	4.1
ENE	.8	.3	.1									1.2	3.8
E	.8	.3	.2	.1								1.3	4.1
ESE	1.1	.4	.3	.1								1.8	4.2
SE	6.5	5.9	1.3	.7								14.4	4.4
SSE	5.6	6.3	2.8	.5	.1							15.2	4.8
S	4.8	5.3	1.5	.2								11.7	4.4
SSW	1.2	1.0	.1									2.2	3.6
SW	.5	.4	.2	.1								1.1	5.1
WSW	.2	.6	.4		.1							1.3	5.9
W	.3	.7	.4	.4	.1	.1						1.9	8.3
WNW	.2	.2	.8	.4	.2	.1						1.9	9.9
NW	.5	.8	1.3	1.4	.1							4.1	8.9
NNW	.2	.4	.9	.8	.2							2.5	9.6
VARBL													
CALM												31.7	
	24.7	25.1	11.9	5.8	.7	.1						100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 1710

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43310 STATION FUKUGKA KYUSHU JAPAN/ITAZUKE AB 46-64 YEARS NOV MONTH 0900-1100 HOURS (L.S.T.)  
ALL WEATHER CLASS  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	1.7	2.0	1.6	.1							6.7	7.6
NNE	.6	1.0	2.2	.7								4.4	7.8
NE	.9	1.7	1.9	.3								4.9	6.2
ENE	.5	.8	.7	.2								2.2	6.3
E	.8	.7	.8	.1								2.3	5.6
ESE	.6	.6	.3	.3								1.8	5.7
SE	2.6	3.9	3.4	1.1	.1							11.0	6.3
SSE	4.0	5.6	4.8	1.2	.1							15.6	6.1
S	2.9	4.0	1.8	.5								9.2	5.2
SSW	1.2	.5	.1									1.8	3.2
SW	1.3	.9	.4									2.6	4.0
WSW	.5	.4	.4									1.3	4.7
W	.7	.6	1.4	.8	.1							3.6	8.0
WNW	.3	.5	.9	.9	.4							3.1	10.2
NW	.6	1.2	2.1	1.8	.1	.1						5.7	8.7
NNW	.5	.9	1.5	1.5								4.4	8.6
VARBL													
CALM												19.3	
	19.4	25.0	24.8	10.8	.7	.1						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 1709



DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43310 STATION EUKUCKA KYUSHU JAPAN/ITAZUKE AB 46-64 YEARS NOV MONTH  
ALL WEATHER CLASS 1200-1400 HOURS (L.S.T.)  
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	3.4	4.9	3.6	.3							13.3	8.6
NNE	.5	1.9	2.4	.8	.2							5.8	7.8
NE	1.2	3.5	3.1	1.1	.1							8.9	6.9
ENE	.4	1.0	1.3	.2								2.9	6.6
E	.5	.6	.6	.2								1.9	6.5
ESE	.2	.4	.6	.2								1.4	6.8
SE	.8	1.6	2.3	.6								5.2	7.2
SSE	.9	1.2	1.6	.8	.1	.1						4.7	7.5
S	.8	1.1	.8	.8	.1							3.5	7.0
SSW	.2	.8	.5	.1	.1							1.7	6.8
SW	.5	.6	.5									1.6	4.9
WSW	.2	.2	.4									.9	6.0
W	.4	1.2	2.0	1.2	.2							5.0	8.8
WNW	.5	1.4	3.6	2.3	.1		.1					8.0	9.1
NW	.6	4.2	6.2	3.6	.2	.2						15.0	8.6
NNW	1.0	3.0	5.6	3.0	.2							12.9	8.3
VARBL													
CALM												7.4	
	10.1	26.1	36.3	18.3	1.6	.3	.1					100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 1710

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43310 STATION FUKUCKA KYUSHU JAPAN/ITAZUKE AB 46-64 YEARS NCV  
MONTH  
1500-1700  
HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.3	6.0	6.3	2.3	.2							17.0	7.2
NNE	.9	2.3	4.0	1.2								8.4	7.7
NE	1.0	3.1	2.8	1.2	.1							8.2	7.2
ENE	.5	1.8	1.3	.1								3.6	5.8
E	.5	1.1	.5	.1								2.2	5.4
ESE	.3	.5	.2									1.0	5.4
SE	.5	2.0	1.2	.3								4.0	6.4
SSE	.2	1.5	1.3	.2	.1							3.3	7.0
S	.2	.5	.6	.1								1.5	6.7
SSW	.1	.4	.5	.1								1.1	7.2
SW	.4	.4	.2									.9	5.3
WSW	.2	.2	.5	.1								1.1	6.6
W	.8	1.0	2.3	1.5	.3							5.9	8.5
WNW	.4	.9	3.2	1.2		.1						5.7	8.6
NW	1.7	4.7	6.3	1.7	.1							14.6	7.2
NNW	1.1	4.3	8.2	1.6	.1							15.4	7.6
VARBL													
CALM												6.2	
	11.0	30.7	39.5	11.6	.9	.1						100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 1710

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43310 FUKUOKA KYUSHU JAPAN/ITAZUKE AB 46-64 NOV  
STATION STATION NAME YEARS MONTH  
1800-2000  
HOURS (LST)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.2	2.4	1.1	.7	.2							6.5	6.1
NNE	2.0	2.5	1.1	.3							21.2	5.9	4.9
NF	4.5	4.0	1.1	.1								9.7	4.4
ENE	1.9	1.4	.2	.1								3.6	4.0
E	2.0	.8	.2									3.1	3.5
ESE	1.8	.9	.3									3.0	3.6
SE	3.9	3.1	.5	.2								7.7	4.0
SSE	3.9	3.4	.6	.2	.1						22.7	8.2	4.3
S	3.0	3.6	.3									6.8	3.8
SSW	.8	.5	.1									1.5	3.8
SW	.6	.5		.1	.1							1.2	4.3
WSW	.2	.7	.2	.1								1.3	5.6
W	.4	1.0	1.0	.2	.1							2.6	6.7
WNW	.4	.5	.9	.5	.2							2.5	8.8
NW	1.1	1.2	.8	.5	.1							3.7	6.3
NNW	1.1	1.1	.6	.1	.1							2.9	5.1
VARBL													
CALM												29.8	
	29.8	27.6	9.1	3.0	.8							100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 1710

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43310 FUKUOKA KYUSHU JAPAN/ITAZUKE AB 46-64 NOV  
STATION STATION NAME YEARS MONTH  
ALL WEATHER  
CLASS  
CONDITION  
2100-2300  
HOURS (LST)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	.5	.5	.5								3.0	6.0
NNE	.3	1.2	.8	.4								2.6	7.0
NE	1.4	1.6	.4	.1								3.5	4.5
ENE	1.1	.4	.1									1.6	3.2
E	1.6	.9	.2									2.8	3.8
ESE	1.9	.4	.2	.1								2.6	3.5
SE	6.7	4.7	.8	.4								12.5	3.9
SSE	6.3	6.7	1.3	.3	.1							14.6	4.2
S	4.0	4.0	.6	.1	.1							8.7	4.1
SSW	.8	.8	.2									1.7	4.1
SW	.4	.5	.1									1.0	4.3
WSW	.2	.3	.1	.1								.7	6.2
W	.3	.5	.6	.2	.1							1.8	7.4
WNW	.1	.4	.6	.5	.1							1.8	9.1
NW	.4	.6	1.1	.8	.1							2.9	8.3
NNW	.2	.4	.3	.5								1.5	8.6
VARBL													
CALM												36.8	
	27.0	24.0	8.0	4.0	.4							100.0	3.0

TOTAL NUMBER OF OBSERVATIONS 1710

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43310  
STATION

FUKUOKA KYUSHU JAPAN/ITAZUKE AB  
STATION NAME

46-64  
YEARS

DEC  
MONTH

ALL WEATHER  
CLASS

0000-0200  
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.7	.6	.5	.1	.1						2.3	8.0
NNE	.2	.5	.1	.1								.8	5.0
NE	.5	.5	.1	.1								1.2	4.0
ENE	.6	.2										.7	2.8
E	.7	.3										1.0	3.2
ESE	1.2	.6	.1	.1								2.0	3.5
SE	5.5	6.6	2.3	.3								14.6	4.7
SSE	5.6	9.1	4.7	.7	.1	.1						20.2	5.4
S	3.1	5.4	1.8	.3								10.6	4.9
SSW	.8	.6	.1									1.5	3.7
SW	.6	.6	.2	.2								1.6	5.8
WSW	.1	.3	.7	.2	.1							1.4	7.9
W	.3	.7	.8	1.0	.2	.1						3.1	9.6
WNW	.2	.2	1.2	3.2	.9	.3						6.1	12.9
NW	.2	1.0	1.5	3.0	.3	.1						5.9	11.2
NNW	.3	.2	.7	1.1	.1	.1						2.5	10.7
VARBL													
CALM												24.6	
	20.2	27.4	14.8	10.7	1.8	.6						100.0	4.9

TOTAL NUMBER OF OBSERVATIONS

1765

4  
DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43310 STATION FUKUOKA KYUSHU JAPAN/ITAZUKE AB 46-64 YEARS  
ALL WEATHER CLASS  
CONDITION  
DEC MONTH  
0300-0500 HOURS (LST)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.1	.9	.6	.1							2.9	7.9
NNE	.3	.6	.2	.1								1.2	5.2
NE	.8	.3	.1	.1								1.3	3.9
ENE	.3	.2										.5	3.2
E	.7	.4	.1									1.2	3.3
ESE	.3	.7	.1	.1								1.2	5.1
SE	5.1	7.2	2.6	.5								15.4	4.8
SSE	4.0	8.8	5.2	.8		.1						18.8	5.7
S	3.2	5.9	1.6	.2								10.9	4.8
SSW	.8	.8	.1									1.7	4.0
SW	.5	.6	.3	.1								1.5	5.3
WSW	.2	.5	.9	.2								1.7	7.3
W	.3	.5	.9	1.3	.2	.1						3.3	10.4
WNW	.2	.4	1.4	2.6	.8	.3						5.6	12.5
NW	.3	.6	2.1	3.8	.4	.1						7.3	11.4
NNW	.2	.3	1.2	1.1	.1	.2	.1					3.1	11.3
VARBL													
CALM												22.3	
	17.4	28.8	17.7	11.4	1.6	.7	.1					100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 1765

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43310 STATION FUKUOKA KYUSHU JAPAN/ITAZUKE A9 46-64 YEARS DEC MONTH  
ALL WEATHER CLASS 0600-0800 HOURS (L.S.T.)  
CONDITION

SPEED (KNTS)	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
DIR.													
N	.1	.7	.8	.9	.1							2.5	9.3
NNE	.5	.7	.2	.1								1.4	5.2
NE	.7	.8	.2	.1								1.9	4.8
ENE	.2	.2										.4	4.4
E	.7	.3	.1									1.1	3.5
ESE	1.0	.5	.2	.1								1.8	4.1
SE	4.2	6.5	3.3	.5								14.5	5.3
SSE	4.4	8.7	5.7	.9	.1							19.8	5.7
S	2.7	5.7	2.0	.5								10.9	5.3
SSW	1.0	.6	.3	.1								1.9	4.3
SW	.3	.9	.2	.1								1.5	4.9
WSW	.1	.7	.3	.4								1.6	7.6
W	.5	.2	.7	1.7	.2							3.3	10.6
WNW		.7	1.1	2.3	.6	.2						4.9	12.3
NW	.3	.8	2.5	3.5	.4	.1						7.6	10.9
NNW	.3	.2	1.1	1.5	.3	.2						3.6	11.7
VARBL													
CALM												21.3	
	17.1	28.3	18.7	12.5	1.6	.5						100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 1767

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43310 STATION FUKUOKA KYUSHU JAPAN/ITAZUKE AB 46-64 YEARS DEC MONTH 0900-1100 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.4	1.4	1.2	.1							4.8	8.2
NNE	.2	.3	.6	.3								1.4	8.2
NE	.6	.4	.8	.3	.1							2.2	6.8
ENE	.1	.1	.2									.3	6.6
E	.3	.2	.3									.7	2.2
ESE	.3	.5	.3									1.1	4.8
SE	1.9	4.6	5.0	1.5								13.0	6.5
SSE	2.9	6.8	11.5	1.8	.2	.1						23.4	7.1
S	2.8	5.1	2.5	.7	.1							11.2	5.8
SSW	.5	.6	.3	.1								1.4	5.1
SW	.6	.9	.3									1.8	4.6
WSW	.2	.6	.8	.3								1.9	7.5
W	.3	.6	1.5	1.5	.3	.1						4.2	12.5
WNW	.3	.5	1.9	2.8	.5	.1						6.1	11.4
NW	.1	1.0	2.8	4.8	.5							9.2	11.2
NNW	.2	.6	2.4	2.1	.3							5.6	10.4
VARBL													
CALM												11.9	
	11.9	24.0	32.5	17.5	2.0	.2						100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 1767



DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43310 STATION FUKUOKA KYUSHU JAPAN/ITAZUKE AB 45-64 YEARS DEC NORTH  
1200-1400 HOURS (LST.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.8	3.1	3.4	.1							9.1	9.1
NNE	.3	1.0	1.2	.7	.1							3.4	8.2
NE	.7	1.2	1.0	.2								3.2	6.0
ENE	.5	.2	.2	.1								1.0	5.2
E	.1	.5	.5									1.1	5.7
ESE	.3	.2	.2	.1								.7	6.0
SE	.8	2.0	3.2	.5								6.5	7.2
SSE	1.0	3.6	3.6	.9	.1	.1						9.2	7.1
S	.7	2.2	1.7	.6	.1							5.3	6.9
SSW	.8	.3	.3	.1								1.5	5.0
SW	.3	.8	.6	.1								1.9	6.2
WSW	.2	.6	.8	.5	.1							2.1	8.5
W	.7	1.4	3.0	3.1	.2	.2						8.7	9.8
WNW	.7	1.6	3.7	4.2	1.2	.2	.1					11.7	10.8
NW	1.0	4.0	6.5	5.5	.8	.1						17.8	9.4
NNW	.5	2.0	4.4	2.6	.3	.1						9.7	9.2
VARBL													
CALM												7.2	
	9.3	23.3	34.0	22.8	2.8	.6	.1					100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 1767

4  
DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43310 FUKUOKA KYUSHU JAPAN/ITAZUKE AB 46-64  
STATION STATION NAME YEARS  
ALL WEATHER  
CLASS  
DEC  
MONTH  
1500-1700  
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	4.1	4.5	1.4								11.3	7.0
NNE	.6	1.8	1.6	.5								4.5	6.7
NE	.9	1.8	1.0	.2								3.9	5.6
ENE	.3	.3	.3	.2								1.1	5.8
E	.2	.3	.1									.6	4.2
ESE	.3	.3	.2									.8	4.6
SE	1.0	1.9	1.4	.2	.1							4.6	6.1
SSE	.8	1.5	1.6	.8	.1							4.8	7.4
S	.6	1.6	1.2	.1								3.5	6.2
SSW	.3	.3	.1	.1								.7	4.8
SW	.3	.7	.6	.1								1.8	6.1
WSW	.1	.5	1.1	.6	.1							2.4	9.2
W	.6	1.8	3.8	2.9	.4	.1						9.6	9.3
WNW	1.1	1.9	4.3	4.0	.9		.1					12.3	9.8
NW	1.6	5.3	6.3	4.6	.4	.1						18.4	8.5
NNW	1.3	3.7	4.9	2.7	.1							12.7	8.0
VARBL													
CALM												7.1	
	11.4	27.8	33.1	18.3	2.2	.1	.1					100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 1767

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43310 FUKUOKA KYUSHU JAPAN/ITAZUKE AB 46-64  
STATION STATION NAME YEARS  
ALL WEATHER  
CLASS  
CONDITION  
DEC  
MONTH  
1800-2000  
HOURS (L.S.T.)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	2.5	1.4	.1	.1							5.0	5.6
NNE	1.0	1.6	.5	.1								3.1	4.8
NE	2.3	2.3	.1									4.7	3.8
ENE	.5	.5	.1									1.1	4.4
E	1.6	.7	.1									2.4	3.4
ESE	1.1	.7										1.8	3.2
SE	4.3	4.2	.8	.2	.1							9.6	4.4
SSE	3.8	4.8	1.4	.2	.1							10.2	4.6
S	2.4	3.6	.8	.1								6.9	4.5
SSW	.6	1.0	.3									1.9	4.4
SW	.6	1.5	.5	.1								2.6	5.0
WSW	.4	1.2	.5	.2	.1	.1						2.4	6.7
W	.7	1.0	2.2	1.7	.3							5.8	9.1
WNW	.2	1.1	1.9	2.2	.8							6.2	10.9
NW	.2	1.6	2.5	2.5	.4	.2						7.4	10.0
NNW	.2	1.1	1.5	1.2	.1							4.0	8.6
VARBL													
CALM												24.7	
	20.9	29.3	14.4	8.5	1.9	.2						100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 1767

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43310	FUKUOKA KYUSHU JAPAN/ITAZUKE AB	46-64	DEC
STATION	STATION NAME	YEARS	MONTH
ALL WEATHER			2100-2300
CLASS			HOURS (LST)
CONDITION			

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	.3	.5	.1	.1							1.9	6.0
NNE	.3	.5	.3	.1								1.2	5.4
NE	1.0	.5	.2									1.7	3.7
ENE	.5	.2	.1									.8	3.9
E	.7	.5	.1									1.4	3.5
ESE	1.2	1.0	.2									2.3	3.9
SE	6.1	7.8	1.5	.2								15.5	4.3
SSE	5.5	7.5	3.0	.3	.1							16.5	5.0
S	3.2	5.9	1.4	.2								10.7	4.7
SSW	.7	.8	.2									1.8	4.3
SW	.5	.5	.3	.2								1.5	6.2
WSW	.5	.8	.4	.2	.1							2.0	6.4
W	.3	.6	1.8	.8	.2	.1						3.7	9.1
WNW	.2	.7	1.5	1.4	.7	.3						4.8	11.4
NW	.4	.7	2.0	2.3	.5							5.9	10.3
NNW	.1	.7	.8	1.0	.2							2.8	9.5
VARBL													
CALM												25.5	
	22.1	29.2	14.3	6.6	1.8	.4						100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 1767

4  
DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43310 STATION 46-64 EUKUCKA KYUSHU JAPAN/ITA/UE AB YEARS ALL MONTH

#### INSTRUMENT

CLASS  
CIG 20C IC 140C FI W/ VSBY 1/2 MI OR MORE,

CONDITION  
AND/OR VSBY 1/2 IC 2-1/2 MI W/CIG 20C FT CR MORE

ALL  
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.5	2.5	1.8	.9	.3	.1	.0					7.1	7.2
NNE	.8	.8	.5	.3	.0	.0			.0			2.4	5.8
NE	1.4	.9	.4	.1	.0		.0					2.8	4.5
ENE	.7	.3	.1	.0		.0						1.0	3.8
E	1.0	.5	.2	.0	.0							1.7	4.0
ESE	1.1	.5	.2	.0	.0							1.8	4.3
SE	3.1	2.7	1.0	.5	.1	.0	.0	.0				7.4	5.1
SSE	3.0	2.6	1.2	.3	.1	.0	.0	.0				7.3	5.3
S	2.0	1.8	.5	.3	.0	.0	.0	.0				4.7	5.0
SSW	.6	.5	.1	.0	.0	.0						1.3	4.2
SW	.8	.6	.2	.0	.0		.0	.0				1.7	4.6
WSW	.5	.4	.2	.1	.0	.0						1.3	5.7
W	.9	1.0	.7	.5	.1	.0	.0	.0		.0		3.3	7.2
WNW	.9	1.2	.8	.4	.1	.1	.0					3.5	7.0
NW	1.8	2.8	1.6	.5	.1	.0	.0	.0				6.9	6.1
NNW	1.3	2.4	1.9	.7	.1	.0	.0	.0				6.6	6.9
VARBL													
CALM												39.2	
	21.5	21.3	11.6	4.8	1.0	.4	.2	.1	.0	.0		100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 16672

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE (MATS)  
ASHEVILLE, NORTH CAROLINA

## PART D

## CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

1. Annual - all years and all hours combined
2. By month - all years and all hours combined
3. By month - by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand columns. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period will be eliminated from the summary for short periods or be limited to ceilings at or below 10,000 feet. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and US Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

Summary sheets are omitted when stations maintaining limited observing schedules did not report certain three-hour periods for any particular month during the available period of record. Such missing sheets are listed below:

JANUARY \_\_\_\_\_  
FEBRUARY \_\_\_\_\_  
MARCH \_\_\_\_\_

APRIL \_\_\_\_\_  
MAY \_\_\_\_\_  
JUNE \_\_\_\_\_

JULY \_\_\_\_\_  
AUGUST \_\_\_\_\_  
SEPTEMBER \_\_\_\_\_

OCTOBER \_\_\_\_\_  
NOVEMBER \_\_\_\_\_  
DECEMBER \_\_\_\_\_

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	$\geq 10$	$\geq 6$	$\geq 5$	$\geq 4$	$\geq 3$	$\geq 2\frac{1}{2}$	$\geq 2$	$\geq 1\frac{1}{2}$	$\geq 1\frac{1}{4}$	$\geq 1$	$\geq \frac{3}{4}$	$\geq \frac{1}{2}$	$\geq \frac{1}{4}$	$\geq \frac{1}{8}$	$\geq \frac{1}{16}$	$\geq 0$
NO CEILING																
$\geq 1800$																
$\geq 1500$					91.0											92.6
$\geq 1200$																
$\geq 1000$																
$\geq 900$																
$\geq 800$																
$\geq 700$																
$\geq 600$																
$\geq 500$										97.4						98.1
$\geq 400$																
$\geq 300$																
$\geq 200$																
$\geq 100$																
$\geq 0$					95.4		96.9			98.3						100.0

EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed  $\geq 0$ .  
For instance, from the table: Ceiling  $\geq 1500$  feet = 92.6%.  
Ceiling  $\geq 500$  feet = 98.1%.

EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite  $\geq 0$ . From the table:  
Visibility  $\geq 3$  miles = 95.4%.  
Visibility  $\geq 2$  miles = 96.9%.  
Visibility  $\geq 1$  mile = 98.3%.

EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; ie: Ceiling  $\geq 1500$  feet with visibility  $\geq 3$  miles = 91.0%.

EXAMPLE # 4 Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.  
Thus, to obtain the percentage of observations with ceiling  $< 1500$  feet and/or visibility  $< 3$  miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling  $< 1500$  ft and/or vsby  $< 3$  miles.

Likewise, the percentage of observations with ceiling  $< 500$  ft and/or vsby  $< 1$  mile is 2.6, obtained by subtracting 97.4 from 100.0.

#### ADDITIONAL EXAMPLES

##### EXAMPLE # 5

To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of  $\geq 1500$  feet with  $\geq 3$  miles, subtracted from 97.4 read from the table at the intersection of  $\geq 500$  feet with  $\geq 1$  mile is equal to 6.4%. Thus; 6.4 percent of the observation meet the criteria: "ceiling  $\geq 500$  feet with vsby  $\geq 1$  mile, but  $< 3$  miles; or ceiling  $\geq 500$  feet, but  $< 1500$  feet with vsby  $\geq 1$  miles."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.



DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

## CEILING VERSUS VISIBILITY

43310 STATION ELKJUKA KYUSHU JAPAN/ITAZUKE AB 46-64 YEARS ALL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

ALL  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	12.4	27.2	29.9	32.2	33.5	34.0	34.5	34.8	34.8	35.0	35.0	35.0	35.0	35.0	35.0	35.0
≥ 20000	16.0	34.4	37.9	41.1	42.9	43.6	44.3	44.7	44.7	44.9	44.9	45.0	45.0	45.0	45.0	45.0
≥ 18000	16.2	35.0	38.6	41.8	43.6	44.3	45.1	45.5	45.5	45.7	45.7	45.7	45.7	45.8	45.8	45.8
≥ 16000	16.5	35.6	39.3	42.6	44.4	45.2	45.9	46.4	46.4	46.6	46.6	46.6	46.7	46.7	46.7	46.7
≥ 14000	17.2	37.2	41.1	44.6	46.6	47.4	48.2	48.6	48.7	48.9	48.9	48.9	48.9	49.0	49.0	49.0
≥ 12000	18.0	39.3	43.4	47.2	49.3	50.2	51.1	51.6	51.7	51.9	52.0	52.0	52.0	52.0	52.1	52.1
≥ 10000	18.8	41.5	46.0	50.1	52.5	53.5	54.5	55.1	55.2	55.5	55.5	55.5	55.6	55.6	55.6	55.6
≥ 9000	19.1	42.3	46.9	51.2	53.7	54.7	55.8	56.4	56.5	56.7	56.8	56.8	56.9	56.9	56.9	57.0
≥ 8000	19.6	43.8	48.8	53.3	56.0	57.0	58.2	58.9	59.0	59.3	59.4	59.4	59.5	59.5	59.5	59.5
≥ 7000	20.0	44.8	50.0	54.7	57.5	58.6	59.8	60.5	60.7	61.0	61.1	61.1	61.2	61.2	61.2	61.2
≥ 6000	20.3	45.8	51.1	56.0	58.9	60.0	61.4	62.1	62.2	62.6	62.7	62.7	62.8	62.8	62.8	62.8
≥ 5000	21.4	48.3	53.8	58.9	62.0	63.3	64.7	65.5	65.6	66.0	66.1	66.1	66.2	66.2	66.2	66.3
≥ 4500	22.5	50.6	56.3	61.5	64.7	66.0	67.5	68.3	68.4	68.8	69.0	69.0	69.1	69.1	69.1	69.1
≥ 4000	25.5	56.5	62.6	68.2	71.6	73.0	74.6	75.5	75.6	76.1	76.3	76.3	76.4	76.4	76.4	76.4
≥ 3500	27.6	60.9	67.5	73.4	77.1	78.6	80.3	81.2	81.4	81.9	82.0	82.1	82.2	82.2	82.2	82.2
≥ 3000	29.4	64.9	71.8	78.2	82.2	83.8	85.7	86.8	86.9	87.5	87.7	87.7	87.8	87.8	87.8	87.9
≥ 2500	30.2	67.2	74.5	81.2	85.5	87.2	89.2	90.3	90.5	91.1	91.3	91.4	91.5	91.5	91.5	91.6
≥ 2000	30.6	68.6	76.2	83.2	87.8	89.5	91.7	93.0	93.2	93.9	94.1	94.1	94.3	94.3	94.3	94.4
≥ 1800	30.7	68.9	76.6	83.6	88.3	90.1	92.3	93.6	93.8	94.5	94.7	94.8	94.9	94.9	94.9	95.0
≥ 1500	30.7	69.4	77.2	84.4	89.2	91.1	93.4	94.8	95.0	95.8	96.0	96.1	96.2	96.3	96.3	96.3
≥ 1200	30.8	69.7	77.7	85.0	90.0	91.9	94.3	95.8	96.0	96.8	97.1	97.1	97.3	97.3	97.3	97.4
≥ 1000	30.8	69.9	77.9	85.4	90.4	92.4	94.9	96.4	96.7	97.5	97.8	97.9	98.0	98.1	98.1	98.1
≥ 900	30.8	70.0	78.0	85.5	90.5	92.5	95.1	96.6	96.9	97.7	98.0	98.1	98.3	98.3	98.3	98.4
≥ 800	30.8	70.0	78.1	85.6	90.7	92.7	95.3	96.9	97.1	98.0	98.3	98.4	98.6	98.6	98.6	98.7
≥ 700	30.8	70.1	78.2	85.7	90.8	92.9	95.5	97.1	97.3	98.2	98.6	98.6	98.8	98.9	98.9	99.0
≥ 600	30.8	70.1	78.2	85.8	91.0	93.0	95.7	97.3	97.6	98.5	98.9	98.9	99.1	99.2	99.2	99.3
≥ 500	30.8	70.1	78.3	85.9	91.0	93.1	95.8	97.5	97.8	98.8	99.2	99.2	99.4	99.4	99.5	99.5
≥ 400	30.8	70.1	78.3	85.9	91.1	93.2	95.9	97.6	97.9	98.9	99.3	99.3	99.6	99.6	99.7	99.7
≥ 300	30.8	70.2	78.3	85.9	91.1	93.2	96.0	97.7	98.0	99.0	99.4	99.5	99.7	99.7	99.8	99.8
≥ 200	30.8	70.2	78.3	85.9	91.1	93.2	96.0	97.7	98.0	99.0	99.5	99.5	99.8	99.8	99.8	99.9
≥ 100	30.8	70.2	78.3	85.9	91.1	93.3	96.0	97.7	98.0	99.0	99.5	99.5	99.8	99.8	99.9	99.9
≥ 0	30.8	70.2	78.3	85.9	91.1	93.3	96.0	97.7	98.0	99.0	99.5	99.5	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 158390

1210WS FORM 0-14-5 (Det 50) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

## CEILING VERSUS VISIBILITY

43310 FUKUOKA KYUSHU JAPAN/ITAZUKE AB

47-64

JAN

STATION

STATION NAME

YEARS

MOUTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

ALL  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0	
NO CEILING	8.1	18.1	20.2	22.2	23.5	23.8	24.2	24.4	24.4	24.4	24.5	24.5	24.5	24.5	24.5	24.5
≥ 20000	9.1	20.3	22.8	25.0	26.5	26.9	27.4	27.6	27.7	27.7	27.8	27.8	27.8	27.8	27.8	27.8
≥ 18000	9.2	20.5	23.0	25.2	26.7	27.2	27.7	27.9	28.0	28.0	28.1	28.1	28.1	28.1	28.1	28.1
≥ 16000	9.3	20.7	23.2	25.5	27.0	27.4	28.0	28.2	28.2	28.3	28.3	28.3	28.4	28.4	28.4	28.4
≥ 14000	9.6	21.4	23.9	26.3	27.9	28.4	28.9	29.2	29.2	29.3	29.3	29.3	29.3	29.4	29.4	29.4
≥ 12000	10.0	22.7	25.6	28.1	29.7	30.2	30.8	31.1	31.1	31.2	31.3	31.3	31.3	31.3	31.3	31.3
≥ 10000	10.4	24.1	27.2	30.2	32.0	32.6	33.2	33.5	33.6	33.7	33.8	33.8	33.8	33.8	33.9	33.9
≥ 9000	10.6	24.7	27.9	31.0	32.8	33.5	34.2	34.5	34.6	34.7	34.8	34.8	34.8	34.8	34.9	34.9
≥ 8000	10.9	25.8	29.2	32.6	34.7	35.4	36.2	36.5	36.6	36.8	36.8	36.9	36.9	36.9	37.0	37.0
≥ 7000	11.1	26.5	30.1	33.7	35.9	36.6	37.5	37.9	37.9	38.2	38.2	38.3	38.3	38.3	38.4	38.4
≥ 6000	11.4	27.2	31.0	34.7	37.0	37.8	38.7	39.1	39.2	39.5	39.6	39.6	39.7	39.7	39.7	39.7
≥ 5000	13.1	31.3	35.4	39.5	42.1	42.9	44.0	44.5	44.6	44.9	45.0	45.0	45.1	45.1	45.1	45.1
≥ 4500	16.0	36.4	40.9	45.2	48.1	48.9	50.0	50.5	50.6	50.9	51.0	51.1	51.2	51.2	51.2	51.2
≥ 4000	23.5	51.5	57.0	62.1	65.5	66.6	67.8	68.3	68.4	68.8	68.9	69.0	69.1	69.1	69.1	69.2
≥ 3500	27.6	61.0	67.3	73.0	77.0	78.2	79.6	80.2	80.3	80.8	81.0	81.0	81.1	81.1	81.2	81.2
≥ 3000	29.3	66.0	72.9	79.5	84.0	85.4	87.0	87.9	88.0	88.5	88.7	88.8	88.9	88.9	89.0	89.0
≥ 2500	29.9	68.4	76.0	83.1	88.1	89.6	91.4	92.4	92.6	93.2	93.4	93.4	93.6	93.6	93.7	93.7
≥ 2000	30.1	69.4	77.4	84.9	90.2	91.9	94.0	95.1	95.3	96.0	96.3	96.4	96.5	96.6	96.6	96.7
≥ 1800	30.1	69.5	77.5	85.1	90.4	92.1	94.3	95.5	95.6	96.4	96.7	96.7	96.9	96.9	97.0	97.0
≥ 1500	30.1	69.7	77.8	85.6	91.1	92.9	95.2	96.5	96.7	97.5	97.8	97.8	98.0	98.1	98.2	98.2
≥ 1200	30.1	69.7	77.9	85.8	91.4	93.2	95.5	96.9	97.1	98.0	98.3	98.4	98.6	98.6	98.7	98.7
≥ 1000	30.1	69.8	78.0	85.9	91.6	93.4	95.8	97.3	97.5	98.4	98.7	98.8	99.0	99.1	99.2	99.2
≥ 900	30.1	69.8	78.0	86.0	91.6	93.5	95.9	97.3	97.5	98.4	98.8	98.9	99.1	99.1	99.2	99.3
≥ 800	30.1	69.8	78.0	86.0	91.7	93.5	95.9	97.4	97.6	98.5	98.9	99.0	99.2	99.2	99.3	99.4
≥ 700	30.1	69.8	78.1	86.0	91.7	93.6	96.0	97.5	97.7	98.6	99.0	99.1	99.3	99.4	99.5	99.6
≥ 600	30.1	69.8	78.1	86.0	91.8	93.6	96.0	97.5	97.7	98.7	99.1	99.2	99.4	99.5	99.6	99.7
≥ 500	30.1	69.8	78.1	86.1	91.8	93.7	96.1	97.6	97.8	98.8	99.2	99.3	99.6	99.7	99.8	99.8
≥ 400	30.1	69.8	78.1	86.1	91.8	93.7	96.2	97.6	97.9	98.8	99.3	99.4	99.6	99.7	99.8	99.9
≥ 300	30.1	69.8	78.1	86.1	91.8	93.7	96.2	97.6	97.9	98.8	99.3	99.4	99.7	99.7	99.8	99.9
≥ 200	30.1	69.8	78.1	86.1	91.8	93.7	96.2	97.6	97.9	98.8	99.3	99.4	99.7	99.7	99.9	100.0
≥ 100	30.1	69.8	78.1	86.1	91.8	93.7	96.2	97.6	97.9	98.8	99.3	99.4	99.7	99.7	99.9	100.0
≥ 0	30.1	69.8	78.1	86.1	91.8	93.7	96.2	97.6	97.9	98.8	99.3	99.4	99.7	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 13390

1210WS FORM 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

## CEILING VERSUS VISIBILITY

43310 FUKUOKA KYUSHU JAPAN/ITAZUKE AB 48-64

FEB  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	9.5	21.5	23.9	26.6	27.9	28.5	29.0	29.4	29.4	29.5	29.5	29.5	29.5	29.6	29.6	29.6
IV 20000	11.5	26.0	29.1	32.5	34.1	34.8	35.5	36.0	36.0	36.1	36.2	36.2	36.2	36.3	36.3	36.3
IV 18000	11.7	26.4	29.6	33.0	34.7	35.5	36.2	36.7	36.7	36.8	36.9	37.0	37.0	37.0	37.0	37.1
IV 16000	11.7	26.7	29.9	33.4	35.1	35.9	36.7	37.1	37.1	37.3	37.4	37.4	37.4	37.4	37.5	37.5
IV 14000	12.1	27.6	31.1	34.6	36.4	37.2	38.0	38.4	38.4	38.6	38.8	38.8	38.8	38.8	38.8	38.9
IV 12000	12.8	29.3	33.0	36.8	38.7	39.6	40.5	40.9	41.0	41.2	41.3	41.3	41.3	41.3	41.4	41.4
IV 10000	13.4	31.1	35.2	39.3	41.4	42.3	43.3	43.8	43.9	44.1	44.3	44.3	44.3	44.3	44.3	44.4
IV 9000	13.5	31.6	35.7	40.0	42.2	43.1	44.1	44.7	44.7	45.0	45.1	45.1	45.2	45.2	45.2	45.4
IV 8000	13.7	32.5	36.9	41.3	43.7	44.7	45.8	46.3	46.4	46.6	46.8	46.8	46.8	46.9	46.9	46.9
IV 7000	13.8	33.2	37.8	42.5	44.9	46.1	47.2	47.9	48.0	48.2	48.4	48.4	48.4	48.5	48.5	48.5
IV 6000	14.0	34.0	38.8	43.9	46.4	47.5	48.9	49.6	49.6	49.9	50.1	50.1	50.1	50.1	50.1	50.2
IV 5000	15.8	37.9	43.1	48.3	51.0	52.3	53.7	54.5	54.5	54.8	55.0	55.1	55.1	55.1	55.1	55.2
IV 4500	19.0	43.3	48.9	54.4	57.2	58.5	60.0	60.9	60.9	61.2	61.4	61.4	61.5	61.5	61.5	61.6
IV 4000	24.1	53.4	59.9	65.8	69.1	70.5	72.2	73.1	73.2	73.6	73.8	73.8	73.9	73.9	73.9	73.9
IV 3500	27.2	59.8	66.8	73.5	77.2	78.6	80.4	81.5	81.6	82.0	82.2	82.2	82.3	82.3	82.3	82.4
IV 3000	28.7	63.7	71.2	78.4	82.5	84.1	86.1	87.3	87.5	88.0	88.3	88.4	88.5	88.5	88.5	88.6
IV 2500	29.1	65.8	73.6	81.1	85.5	87.2	89.5	90.8	91.0	91.7	92.1	92.1	92.3	92.3	92.3	92.3
IV 2000	29.2	66.7	74.8	82.7	87.3	89.1	91.6	93.4	93.4	94.3	94.7	94.7	94.9	94.9	95.0	95.0
IV 1800	29.2	67.0	75.2	83.2	88.0	89.8	92.3	93.9	94.2	95.0	95.5	95.5	95.7	95.8	95.8	95.8
IV 1500	29.2	67.4	75.8	83.9	88.9	90.7	93.4	95.0	95.3	96.2	96.7	96.7	97.0	97.1	97.1	97.2
IV 1200	29.2	67.5	76.0	84.2	89.1	91.0	93.8	95.5	95.8	96.8	97.3	97.4	97.7	97.7	97.8	97.8
IV 1000	29.2	67.6	76.1	84.3	89.3	91.3	94.1	95.9	96.2	97.3	97.9	97.9	98.3	98.3	98.4	98.5
IV 900	29.2	67.6	76.1	84.3	89.3	91.3	94.2	95.9	96.2	97.4	97.9	98.0	98.4	98.4	98.4	98.5
IV 800	29.2	67.6	76.1	84.4	89.4	91.4	94.3	96.1	96.4	97.6	98.2	98.2	98.6	98.6	98.7	98.6
IV 700	29.2	67.6	76.1	84.4	89.5	91.5	94.4	96.2	96.5	97.7	98.3	98.4	98.8	98.8	98.9	99.0
IV 600	29.2	67.6	76.2	84.4	89.5	91.5	94.4	96.3	96.6	97.9	98.5	98.5	99.0	99.0	99.1	99.2
IV 500	29.2	67.6	76.2	84.4	89.5	91.5	94.5	96.4	96.7	98.0	98.7	98.8	99.3	99.3	99.4	99.5
IV 400	29.2	67.6	76.2	84.4	89.5	91.5	94.5	96.4	96.8	98.1	98.8	98.9	99.4	99.4	99.5	99.7
IV 300	29.2	67.6	76.2	84.4	89.5	91.5	94.5	96.4	96.8	98.1	98.8	98.9	99.5	99.5	99.6	99.8
IV 200	29.2	67.6	76.2	84.4	89.5	91.5	94.5	96.4	96.8	98.1	98.9	99.0	99.5	99.6	99.7	99.9
IV 100	29.2	67.6	76.2	84.4	89.5	91.5	94.5	96.4	96.8	98.1	98.9	99.0	99.5	99.6	99.7	99.9
IV 0	29.2	67.6	76.2	84.4	89.5	91.5	94.5	96.4	96.8	98.2	99.0	99.0	99.6	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 11543

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

## CEILING VERSUS VISIBILITY

43310  
STATION

FUKUOKA KYUSHU JAPAN/ITAZUKE AB  
STATION NAME

48-64  
YEARS

MAR  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

ALL  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 5/16	≥ 1/16
NO CEILING	12.6	29.8	32.6	34.9	36.2	36.6	37.2	37.4	37.4	37.5	37.6	37.6	37.6	37.6	37.6	37.7
≥ 20000	14.8	35.1	38.6	41.5	43.1	43.6	44.3	44.6	44.7	44.8	44.8	44.9	44.9	44.9	44.9	44.9
IV 18000	15.0	35.6	39.3	42.1	43.8	44.3	45.0	45.3	45.4	45.5	45.5	45.6	45.6	45.6	45.6	45.7
IV 16000	15.2	36.3	40.1	43.1	44.8	45.3	46.1	46.4	46.5	46.6	46.6	46.6	46.7	46.7	46.7	46.7
IV 14000	15.7	37.8	41.7	44.9	46.7	47.2	48.0	48.3	48.4	48.5	48.5	48.6	48.6	48.6	48.6	48.7
IV 12000	16.3	39.5	43.7	47.2	49.1	49.7	50.5	50.9	50.9	51.1	51.1	51.1	51.2	51.2	51.2	51.2
IV 10000	16.8	41.5	45.9	49.7	51.8	52.5	53.3	53.8	53.9	54.0	54.1	54.2	54.2	54.2	54.2	54.3
IV 9000	17.0	42.1	46.7	50.6	52.8	53.5	54.4	54.9	55.0	55.2	55.3	55.3	55.4	55.4	55.4	55.4
IV 8000	17.4	43.3	48.1	52.2	54.5	55.2	56.2	56.7	56.9	57.1	57.2	57.2	57.3	57.3	57.3	57.3
IV 7000	17.6	44.1	49.0	53.2	55.7	56.5	57.6	58.2	58.3	58.6	58.6	58.7	58.7	58.8	58.8	58.8
IV 6000	17.9	45.2	50.2	54.7	57.3	58.2	59.3	59.9	60.0	60.3	60.4	60.4	60.5	60.5	60.5	60.5
IV 5000	19.0	48.0	53.3	58.1	60.9	61.9	63.2	63.9	64.1	64.4	64.5	64.6	64.6	64.7	64.7	64.7
IV 4500	20.0	50.5	56.1	61.1	64.1	65.1	66.6	67.3	67.5	67.9	68.0	68.0	68.1	68.1	68.1	68.2
IV 4000	23.4	57.0	62.9	68.3	71.5	72.6	74.3	75.2	75.4	75.8	76.0	76.0	76.1	76.1	76.1	76.1
IV 3500	25.5	61.8	68.0	73.8	77.2	78.3	80.2	81.2	81.4	81.9	82.1	82.1	82.2	82.2	82.2	82.3
IV 3000	27.0	65.4	71.9	78.1	81.7	83.0	85.0	86.2	86.4	87.0	87.2	87.2	87.3	87.3	87.3	87.4
IV 2500	27.7	67.6	74.5	81.0	84.9	86.3	88.4	89.7	90.0	90.6	90.8	90.9	91.0	91.0	91.0	91.1
IV 2000	28.0	69.2	76.4	83.2	87.6	89.1	91.4	92.7	93.0	93.7	93.9	94.0	94.2	94.2	94.2	94.2
IV 1800	28.0	69.5	76.7	83.6	88.1	89.6	92.0	93.3	93.6	94.4	94.6	94.7	94.9	94.9	94.9	94.9
IV 1500	28.1	70.0	77.3	84.5	89.1	90.7	93.2	94.6	94.9	95.7	96.0	96.1	96.3	96.3	96.3	96.3
IV 1200	28.2	70.3	77.8	85.1	89.9	91.5	94.2	95.7	96.0	96.9	97.1	97.2	97.4	97.4	97.5	97.5
IV 1000	28.2	70.4	78.0	85.4	90.3	92.0	94.7	96.2	96.5	97.4	97.7	97.8	98.0	98.0	98.1	98.1
IV 900	28.2	70.5	78.1	85.5	90.4	92.1	94.9	96.5	96.8	97.7	98.0	98.1	98.3	98.3	98.3	98.4
IV 800	28.2	70.6	78.2	85.6	90.6	92.3	95.0	96.7	97.0	97.9	98.2	98.3	98.5	98.6	98.6	98.6
IV 700	28.2	70.6	78.2	85.7	90.7	92.4	95.2	96.9	97.2	98.1	98.5	98.5	98.8	98.8	98.8	98.9
IV 600	28.2	70.6	78.3	85.8	90.8	92.6	95.5	97.3	97.6	98.6	98.9	99.0	99.2	99.3	99.3	99.3
IV 500	28.2	70.6	78.3	85.8	90.8	92.7	95.5	97.4	97.8	98.8	99.1	99.2	99.5	99.5	99.6	99.6
IV 400	28.2	70.6	78.3	85.9	90.9	92.7	95.6	97.5	97.9	98.9	99.3	99.4	99.6	99.7	99.7	99.7
IV 300	28.2	70.7	78.3	85.9	90.9	92.8	95.7	97.6	98.0	99.1	99.4	99.5	99.8	99.8	99.9	99.9
IV 200	28.2	70.7	78.3	85.9	91.0	92.8	95.7	97.6	98.1	99.1	99.5	99.6	99.8	99.9	99.9	100.0
IV 100	28.2	70.7	78.3	85.9	91.0	92.8	95.7	97.6	98.1	99.1	99.5	99.6	99.8	99.9	99.9	100.0
IV 0	28.2	70.7	78.3	85.9	91.0	92.8	95.7	97.6	98.1	99.1	99.5	99.6	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 12648

1210WS FORM 0-14-5 (Det 50) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

# CEILING VERSUS VISIBILITY

43310 FUKUOKA KYUSHU JAPAN/ITAZUKE AB

48-64

APR

STATION

STATION NAME

YEARS

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	14.0	29.3	32.0	34.7	36.2	36.8	37.4	37.6	37.6	37.7	37.7	37.7	37.8	37.8	37.8	37.8
≥ 20000	16.7	36.0	39.4	42.2	44.8	45.6	46.3	46.6	46.6	46.8	46.8	46.8	46.9	46.9	46.9	46.9
≥ 18000	16.9	36.7	40.2	43.8	45.8	46.6	47.4	47.7	47.7	47.9	47.9	47.9	48.0	48.0	48.0	48.0
≥ 16000	17.2	37.5	41.0	44.7	46.7	47.6	48.4	48.6	48.7	48.9	48.9	48.9	49.0	49.0	49.0	49.0
≥ 14000	17.7	38.8	42.6	46.5	48.7	49.6	50.5	50.8	50.8	51.1	51.1	51.1	51.2	51.2	51.2	51.2
≥ 12000	18.0	40.3	44.4	48.6	51.1	52.2	53.2	53.5	53.5	53.8	53.9	53.9	54.0	54.0	54.0	54.0
≥ 10000	18.8	42.8	47.3	51.9	54.7	55.8	57.0	57.5	57.5	58.0	58.1	58.1	58.2	58.2	58.2	58.2
≥ 9000	18.9	43.3	48.0	52.6	55.5	56.7	57.9	58.4	58.5	59.0	59.1	59.1	59.2	59.2	59.2	59.2
≥ 8000	19.5	44.7	49.6	54.4	57.4	58.7	60.0	60.6	60.6	61.1	61.2	61.3	61.3	61.3	61.4	61.4
≥ 7000	19.9	46.1	51.3	56.4	59.5	60.8	62.3	62.9	63.0	63.5	63.6	63.6	63.7	63.7	63.8	63.8
≥ 6000	20.1	47.0	52.4	57.6	60.8	62.2	63.8	64.5	64.6	65.1	65.3	65.3	65.4	65.4	65.4	65.5
≥ 5000	21.0	49.4	55.0	60.6	63.9	65.4	67.1	67.8	67.9	68.5	68.6	68.7	68.8	68.8	68.8	68.8
≥ 4500	21.4	50.4	56.1	61.7	65.2	66.7	68.4	69.2	69.3	69.9	70.1	70.1	70.2	70.2	70.2	70.2
≥ 4000	22.9	53.9	59.9	65.8	69.5	71.1	72.9	73.8	73.9	74.5	74.8	74.8	74.9	74.9	74.9	74.9
≥ 3500	23.8	56.7	62.9	69.1	73.0	74.7	76.6	77.6	77.8	78.4	78.7	78.7	78.8	78.8	78.8	78.8
≥ 3000	24.7	59.4	65.9	72.5	76.7	78.5	80.7	81.8	81.9	82.7	82.9	83.0	83.1	83.1	83.2	83.2
≥ 2500	25.4	61.7	68.5	75.4	79.9	81.8	84.0	85.3	85.5	86.3	86.6	86.6	86.8	86.8	86.8	86.8
≥ 2000	25.9	63.6	70.8	77.9	82.6	84.6	87.2	88.5	88.7	89.6	89.9	90.0	90.1	90.2	90.2	90.2
≥ 1800	26.1	64.1	71.4	78.6	83.3	85.3	87.9	89.3	89.5	90.4	90.8	90.8	91.0	91.0	91.0	91.1
≥ 1500	26.2	64.7	72.2	79.6	84.6	86.7	89.5	91.0	91.3	92.3	92.7	92.7	93.0	93.0	93.0	93.1
≥ 1200	26.3	65.4	73.1	80.6	85.8	88.0	90.9	92.5	92.8	93.9	94.2	94.3	94.6	94.6	94.6	94.7
≥ 1000	26.3	65.8	73.6	81.3	86.5	88.8	91.8	93.5	93.8	94.9	95.3	95.4	95.6	95.7	95.7	95.7
≥ 900	26.3	65.9	73.7	81.5	86.8	89.1	92.1	93.8	94.1	95.3	95.7	95.8	96.0	96.1	96.1	96.1
≥ 800	26.3	66.0	73.9	81.8	87.1	89.5	92.6	94.3	94.6	95.8	96.3	96.3	96.6	96.6	96.7	96.7
≥ 700	26.3	66.1	74.0	82.1	87.4	89.9	93.0	94.8	95.1	96.3	96.7	96.8	97.1	97.2	97.2	97.2
≥ 600	26.4	66.2	74.1	82.2	87.6	90.2	93.4	95.2	95.5	96.8	97.3	97.3	97.6	97.7	97.7	97.8
≥ 500	26.4	66.3	74.3	82.4	88.0	90.7	93.9	95.9	96.3	97.6	98.1	98.2	98.5	98.6	98.6	98.6
≥ 400	26.4	66.3	74.3	82.5	88.1	90.8	94.1	96.1	96.5	98.0	98.5	98.5	98.9	98.9	99.0	99.0
≥ 300	26.4	66.3	74.4	82.6	88.2	90.9	94.3	96.3	96.7	98.2	98.8	98.8	99.2	99.3	99.3	99.4
≥ 200	26.4	66.3	74.4	82.6	88.2	90.9	94.3	96.3	96.8	98.3	98.9	99.0	99.4	99.4	99.5	99.5
≥ 100	26.4	66.3	74.4	82.6	88.2	90.9	94.3	96.4	96.8	98.3	99.0	99.0	99.4	99.5	99.7	99.8
≥ 0	26.4	66.3	74.4	82.6	88.2	90.9	94.3	96.4	96.8	98.3	99.0	99.0	99.4	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 12240

1210WS FORM JUL 64 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

## CEILING VERSUS VISIBILITY

43310  
STATION

FUKUOKA KYUSHU JAPAN/ITAZUKE AB  
STATION NAME

47-64  
YEARS

MAY  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

ALL  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	11.4	26.6	29.5	31.8	33.2	33.6	34.0	34.2	34.3	34.4	34.4	34.4	34.4	34.4	34.4	34.4
≥ 20000	15.6	36.4	40.7	44.2	46.2	46.8	47.5	47.9	47.9	48.0	48.1	48.1	48.1	48.1	48.1	48.2
≥ 18000	15.8	37.1	41.4	45.1	47.2	47.9	48.6	49.0	49.0	49.2	49.2	49.2	49.2	49.3	49.3	49.3
≥ 16000	16.1	37.9	42.4	46.1	48.4	49.1	49.8	50.2	50.3	50.4	50.4	50.5	50.5	50.5	50.5	50.5
≥ 14000	16.7	39.7	44.4	48.4	50.7	51.5	52.3	52.8	52.9	53.0	53.1	53.1	53.1	53.1	53.2	53.2
≥ 12000	17.4	41.8	46.9	51.3	53.9	54.7	55.7	56.3	56.4	56.6	56.7	56.7	56.7	56.7	56.7	56.8
≥ 10000	18.1	44.0	49.6	54.3	57.2	58.2	59.4	60.0	60.1	60.4	60.5	60.5	60.5	60.6	60.6	60.6
≥ 9000	18.3	44.9	50.7	55.7	58.8	59.8	61.0	61.7	61.8	62.1	62.1	62.1	62.2	62.2	62.2	62.3
≥ 8000	19.0	46.9	52.9	58.2	61.5	62.6	63.9	64.7	64.8	65.1	65.1	65.2	65.2	65.2	65.2	65.3
≥ 7000	19.4	48.1	54.4	60.0	63.4	64.7	66.1	66.9	67.0	67.4	67.5	67.5	67.5	67.5	67.6	67.6
≥ 6000	19.7	49.3	55.8	61.5	65.1	66.5	67.9	68.8	68.9	69.2	69.3	69.3	69.4	69.4	69.4	69.5
≥ 5000	20.3	51.0	57.7	63.7	67.4	68.9	70.4	71.3	71.4	71.8	71.9	71.9	72.0	72.0	72.0	72.1
≥ 4500	20.6	51.6	58.5	64.6	68.3	69.8	71.4	72.4	72.5	72.9	73.0	73.1	73.1	73.1	73.2	73.2
≥ 4000	21.5	53.9	61.1	67.4	71.3	72.9	74.6	75.6	75.7	76.2	76.3	76.3	76.3	76.4	76.4	76.4
≥ 3500	22.2	56.0	63.6	70.3	74.4	76.1	77.9	78.9	79.1	79.6	79.7	79.7	79.8	79.8	79.8	79.9
≥ 3000	23.0	58.4	66.3	73.4	77.7	79.5	81.4	82.6	82.7	83.3	83.4	83.4	83.5	83.5	83.5	83.6
≥ 2500	23.5	60.1	68.3	75.7	80.2	82.2	84.4	85.6	85.7	86.3	86.5	86.5	86.5	86.6	86.6	86.6
≥ 2000	24.1	61.7	70.2	77.8	82.6	84.7	87.1	88.4	88.5	89.2	89.3	89.4	89.4	89.5	89.5	89.6
≥ 1800	24.2	62.1	70.7	78.3	83.2	85.3	87.7	89.0	89.2	89.9	90.0	90.1	90.1	90.2	90.2	90.3
≥ 1500	24.3	62.9	71.7	79.6	84.6	86.8	89.4	90.8	91.0	91.6	91.9	91.9	92.0	92.0	92.1	92.1
≥ 1200	24.4	63.7	72.7	80.7	85.9	88.2	90.9	92.4	92.6	93.4	93.6	93.6	93.7	93.8	93.8	93.8
≥ 1000	24.5	64.1	73.2	81.4	86.8	89.2	92.1	93.7	93.9	94.7	95.0	95.0	95.1	95.2	95.2	95.2
≥ 900	24.5	64.2	73.4	81.6	87.2	89.6	92.5	94.2	94.4	95.3	95.6	95.6	95.7	95.8	95.8	95.8
≥ 800	24.5	64.4	73.5	81.9	87.5	90.0	93.0	94.7	95.0	95.8	96.1	96.2	96.3	96.4	96.4	96.4
≥ 700	24.5	64.5	73.7	82.2	87.9	90.4	93.6	95.3	95.6	96.5	96.8	96.9	97.0	97.1	97.1	97.1
≥ 600	24.5	64.6	73.9	82.4	88.3	90.9	94.1	96.0	96.4	97.3	97.7	97.7	97.9	97.9	98.0	98.0
≥ 500	24.5	64.7	73.9	82.5	88.5	91.2	94.6	96.6	97.0	98.0	98.4	98.4	98.6	98.6	98.7	98.7
≥ 400	24.5	64.7	73.9	82.6	88.6	91.3	94.8	96.9	97.3	98.4	98.9	98.9	99.1	99.1	99.2	99.2
≥ 300	24.5	64.7	74.0	82.6	88.7	91.4	94.9	97.1	97.5	98.7	99.2	99.3	99.4	99.5	99.5	99.6
≥ 200	24.5	64.7	74.0	82.6	88.7	91.5	95.0	97.2	97.6	98.8	99.4	99.5	99.7	99.7	99.8	99.8
≥ 100	24.5	64.7	74.0	82.6	88.7	91.5	95.0	97.2	97.6	98.8	99.4	99.5	99.7	99.8	99.8	99.9
≥ 0	24.5	64.7	74.0	82.6	88.7	91.5	95.0	97.2	97.6	98.9	99.4	99.5	99.7	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 13389

1210WS FORM 0-14-5 (Def 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

## CEILING VERSUS VISIBILITY

43310  
STATION

FUKUOKA KYUSHU JAPAN/ITAZUKE AB  
STATION NAME

47-64  
YEARS

JUN  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	7.1	16.6	18.6	20.7	21.9	22.7	23.4	23.9	24.0	24.2	24.2	24.2	24.2	24.2	24.2	24.2
≥ 20000	11.1	25.6	29.2	32.8	35.1	36.3	37.6	38.5	38.7	39.1	39.1	39.1	39.2	39.2	39.2	39.2
≥ 18000	11.5	26.6	30.2	34.0	36.5	37.7	39.0	40.0	40.2	40.6	40.7	40.7	40.8	40.8	40.8	40.8
≥ 16000	11.9	27.4	31.3	35.2	37.7	39.1	40.5	41.6	41.7	42.2	42.3	42.3	42.3	42.3	42.3	42.4
≥ 14000	12.6	29.3	33.5	37.8	40.6	42.0	43.6	44.8	45.0	45.6	45.7	45.7	45.8	45.8	45.8	45.8
≥ 12000	13.1	31.0	35.5	40.2	43.3	44.8	46.6	48.0	48.2	48.8	49.0	49.0	49.1	49.1	49.1	49.1
≥ 10000	13.7	32.8	37.7	42.9	46.2	47.9	49.9	51.3	51.6	52.3	52.5	52.5	52.7	52.7	52.7	52.7
≥ 9000	13.8	33.4	38.3	43.6	47.1	48.9	51.0	52.5	52.8	53.5	53.8	53.9	54.1	54.1	54.1	54.1
≥ 8000	14.1	34.6	39.9	45.6	49.3	51.2	53.4	55.1	55.4	56.2	56.6	56.7	56.9	56.9	56.9	56.9
≥ 7000	14.3	35.7	41.2	47.2	51.1	53.1	55.4	57.1	57.4	58.4	58.7	58.8	59.1	59.1	59.1	59.1
≥ 6000	14.5	36.3	42.0	48.1	52.2	54.3	56.7	58.5	58.8	59.8	60.1	60.2	60.5	60.5	60.5	60.5
≥ 5000	15.0	37.7	43.5	49.9	54.1	56.3	58.9	60.7	61.1	62.1	62.5	62.6	62.8	62.8	62.8	62.9
≥ 4500	15.3	38.6	44.6	51.0	55.4	57.7	60.3	62.2	62.6	63.6	64.0	64.1	64.3	64.4	64.4	64.4
≥ 4000	16.7	41.5	47.8	54.5	59.1	61.4	64.2	66.2	66.6	67.7	68.0	68.1	68.4	68.4	68.4	68.5
≥ 3500	18.1	44.6	51.2	58.2	63.1	65.6	68.5	70.5	70.9	72.0	72.4	72.5	72.8	72.8	72.8	72.8
≥ 3000	20.0	48.7	55.8	63.1	68.3	70.9	74.0	76.2	76.6	77.7	78.2	78.3	78.6	78.6	78.6	78.6
≥ 2500	21.3	52.1	59.6	67.3	72.9	75.7	78.9	81.2	81.6	82.9	83.3	83.4	83.7	83.8	83.8	83.8
≥ 2000	22.1	54.6	62.6	70.6	76.7	79.7	83.1	85.6	86.0	87.4	87.8	88.0	88.3	88.4	88.4	88.4
≥ 1800	22.3	55.4	63.5	71.6	77.7	80.8	84.3	86.8	87.3	88.6	89.1	89.2	89.6	89.6	89.6	89.6
≥ 1500	22.6	56.5	64.9	73.3	79.7	82.8	86.6	89.2	89.7	91.1	91.6	91.8	92.1	92.2	92.2	92.2
≥ 1200	22.7	57.6	66.3	75.1	81.5	84.8	88.8	91.6	92.1	93.6	94.2	94.3	94.7	94.8	94.8	94.8
≥ 1000	22.7	58.0	66.9	75.8	82.4	85.8	89.9	92.9	93.4	95.1	95.7	95.8	96.2	96.3	96.3	96.3
≥ 900	22.7	58.1	67.0	76.0	82.7	86.1	90.2	93.3	93.8	95.5	96.1	96.3	96.7	96.7	96.7	96.8
≥ 800	22.7	58.3	67.4	76.4	83.2	86.6	90.9	94.0	94.5	96.3	97.0	97.1	97.6	97.6	97.6	97.7
≥ 700	22.7	58.4	67.5	76.7	83.5	87.0	91.3	94.4	95.0	96.8	97.5	97.7	98.1	98.1	98.2	98.2
≥ 600	22.7	58.5	67.7	76.9	83.9	87.4	91.8	95.0	95.5	97.4	98.1	98.3	98.7	98.8	98.8	98.8
≥ 500	22.7	58.5	67.8	77.0	84.0	87.5	92.0	95.2	95.7	97.7	98.5	98.6	99.1	99.1	99.2	99.2
≥ 400	22.7	58.6	67.8	77.1	84.1	87.7	92.2	95.5	96.0	98.0	98.8	99.0	99.5	99.5	99.5	99.6
≥ 300	22.7	58.6	67.9	77.2	84.2	87.8	92.3	95.6	96.2	98.2	99.0	99.2	99.7	99.8	99.8	99.9
≥ 200	22.7	58.6	67.9	77.2	84.2	87.9	92.3	95.6	96.2	98.2	99.1	99.2	99.8	99.8	99.9	99.9
≥ 100	22.7	58.6	67.9	77.2	84.2	87.9	92.3	95.6	96.2	98.2	99.1	99.2	99.8	99.8	99.9	100.0
≥ 0	22.7	58.6	67.9	77.2	84.2	87.9	92.3	95.6	96.2	98.2	99.1	99.2	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 12956

1210WS FORM JUL 64 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

## CEILING VERSUS VISIBILITY

43310  
STATION

FUKUOKA KYUSHU JAPAN/ITAZUKE AB  
STATION NAME

47-64  
YEARS

JUL  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	13.1	24.7	26.7	28.1	28.6	28.8	29.1	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.3	29.3
≥ 20000	19.2	34.2	36.7	38.5	39.3	39.6	39.9	40.1	40.1	40.2	40.2	40.2	40.2	40.2	40.2	40.3
≥ 18000	19.5	34.9	37.5	39.3	40.0	40.4	40.7	40.9	40.9	40.9	40.9	40.9	41.0	41.0	41.0	41.1
≥ 16000	20.0	35.7	38.2	40.1	40.8	41.2	41.5	41.7	41.7	41.7	41.8	41.8	41.8	41.8	41.8	41.8
≥ 14000	21.4	37.8	40.5	42.5	43.3	43.6	44.0	44.2	44.2	44.2	44.3	44.3	44.3	44.3	44.3	44.3
≥ 12000	23.0	40.5	43.4	45.5	46.4	46.8	47.1	47.3	47.3	47.4	47.4	47.4	47.4	47.4	47.4	47.5
≥ 10000	24.7	43.4	46.6	49.0	50.0	50.4	50.8	51.0	51.1	51.1	51.1	51.1	51.2	51.2	51.2	51.2
≥ 9000	25.3	44.5	47.8	50.2	51.3	51.7	52.2	52.4	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.6
≥ 8000	26.1	46.3	49.7	52.3	53.5	53.9	54.4	54.7	54.7	54.7	54.8	54.8	54.8	54.8	54.8	54.8
≥ 7000	26.8	47.6	51.0	53.9	55.1	55.5	56.1	56.3	56.4	56.4	56.4	56.5	56.5	56.5	56.5	56.5
≥ 6000	27.4	48.5	52.1	54.9	56.2	56.6	57.2	57.5	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.7
≥ 5000	28.1	50.1	53.8	56.7	57.9	58.4	59.0	59.3	59.4	59.4	59.5	59.5	59.5	59.5	59.5	59.6
≥ 4500	28.6	51.4	55.2	58.2	59.5	60.0	60.6	60.9	60.9	61.0	61.0	61.0	61.0	61.0	61.1	61.1
≥ 4000	31.1	55.7	59.7	62.9	64.3	64.9	65.6	65.9	65.9	66.0	66.0	66.0	66.0	66.1	66.1	66.1
≥ 3500	34.1	60.8	65.2	68.7	70.2	70.8	71.6	72.0	72.0	72.1	72.1	72.1	72.1	72.2	72.2	72.2
≥ 3000	38.6	68.1	72.9	76.9	78.9	79.6	80.6	81.0	81.0	81.2	81.3	81.3	81.3	81.3	81.3	81.4
≥ 2500	40.6	72.4	77.7	82.1	84.4	85.1	86.3	86.8	86.8	87.1	87.1	87.1	87.2	87.2	87.2	87.2
≥ 2000	41.6	75.2	80.9	85.7	88.2	89.1	90.4	91.0	91.1	91.5	91.5	91.5	91.6	91.6	91.6	91.6
≥ 1800	41.6	75.6	81.5	86.4	89.1	90.0	91.3	92.0	92.1	92.4	92.5	92.5	92.5	92.5	92.6	92.6
≥ 1500	41.8	76.4	82.7	87.9	90.7	91.7	93.2	94.0	94.1	94.5	94.6	94.6	94.6	94.6	94.7	94.7
≥ 1200	41.9	76.8	83.3	88.6	91.7	92.8	94.4	95.3	95.3	95.8	95.9	95.9	96.0	96.0	96.0	96.1
≥ 1000	41.9	77.3	83.8	89.3	92.4	93.6	95.3	96.3	96.3	96.9	97.1	97.1	97.1	97.1	97.2	97.3
≥ 900	41.9	77.4	84.0	89.6	92.8	93.9	95.7	96.7	96.7	97.3	97.5	97.5	97.5	97.5	97.6	97.7
≥ 800	42.0	77.5	84.2	89.8	93.1	94.3	96.0	97.1	97.1	97.8	98.0	98.0	98.1	98.1	98.1	98.2
≥ 700	42.0	77.6	84.4	90.0	93.3	94.5	96.3	97.4	97.5	98.2	98.3	98.4	98.5	98.5	98.5	98.6
≥ 600	42.0	77.7	84.5	90.2	93.5	94.8	96.7	97.9	98.0	98.7	98.9	98.9	99.0	99.0	99.1	99.1
≥ 500	42.0	77.8	84.7	90.4	93.8	95.1	97.0	98.2	98.3	99.1	99.3	99.3	99.4	99.4	99.5	99.6
≥ 400	42.0	77.8	84.7	90.4	93.8	95.1	97.1	98.3	98.4	99.2	99.5	99.5	99.6	99.6	99.7	99.7
≥ 300	42.0	77.9	84.8	90.5	93.9	95.2	97.1	98.4	98.5	99.4	99.6	99.6	99.7	99.7	99.8	99.9
≥ 200	42.0	77.9	84.8	90.5	93.9	95.2	97.2	98.5	98.5	99.4	99.6	99.6	99.8	99.8	99.9	99.9
≥ 100	42.0	77.9	84.8	90.5	94.0	95.3	97.2	98.5	98.6	99.4	99.6	99.7	99.8	99.8	99.9	99.9
≥ 0	42.0	77.9	84.8	90.5	94.0	95.3	97.2	98.5	98.6	99.4	99.6	99.7	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 13382



DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

## CEILING VERSUS VISIBILITY

43310 FUKUOKA KYUSHU JAPAN/ITAZUKE AB 47-64 AUG  
STATION STATION NAME YEARS NORTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

ALL  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	16.9	35.3	38.1	40.2	41.2	41.5	41.9	42.1	42.1	42.2	42.2	42.2	42.2	42.2	42.2	42.2
≥ 20000	24.2	47.6	51.7	54.8	56.6	57.0	57.5	57.8	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 18000	24.6	48.1	52.3	55.4	57.2	57.6	58.1	58.4	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 16000	24.9	48.8	53.0	56.1	58.0	58.4	58.9	59.2	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3
≥ 14000	26.2	51.1	55.6	58.8	60.7	61.1	61.7	62.0	62.0	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 12000	27.5	53.2	58.0	61.4	63.4	63.8	64.4	64.7	64.7	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 10000	28.7	55.6	60.6	64.2	66.4	66.9	67.5	67.8	67.8	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 9000	29.1	56.5	61.6	65.2	67.5	68.0	68.6	68.9	68.9	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 8000	29.8	58.0	63.3	67.1	69.4	69.9	70.6	70.9	70.9	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 7000	30.4	59.1	64.5	68.3	70.7	71.2	71.9	72.3	72.3	72.4	72.4	72.4	72.4	72.5	72.5	72.5
≥ 6000	30.8	60.0	65.5	69.3	71.7	72.2	72.9	73.3	73.3	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 5000	31.4	61.5	67.1	71.0	73.4	74.0	74.7	75.1	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 4500	31.7	62.4	68.0	72.0	74.5	75.1	75.8	76.2	76.2	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 4000	33.4	65.8	71.6	75.7	78.2	78.8	79.6	80.0	80.1	80.2	80.3	80.3	80.3	80.3	80.3	80.3
≥ 3500	34.9	69.0	75.0	79.2	81.9	82.6	83.4	83.9	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 3000	37.6	73.7	80.0	84.6	87.4	88.1	89.1	89.6	89.7	89.8	89.8	89.8	89.8	89.9	89.9	89.9
≥ 2500	38.9	76.4	83.0	87.8	90.8	91.5	92.5	93.1	93.2	93.3	93.4	93.4	93.4	93.4	93.4	93.4
≥ 2000	39.5	78.1	84.9	89.9	93.1	93.9	95.0	95.6	95.7	95.9	95.9	95.9	96.0	96.0	96.0	96.0
≥ 1800	39.6	78.4	85.3	90.3	93.5	94.3	95.5	96.1	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 1500	39.7	78.6	85.7	90.9	94.2	95.1	96.3	97.0	97.0	97.3	97.3	97.3	97.4	97.4	97.4	97.4
≥ 1200	39.7	79.0	86.1	91.5	94.9	95.8	97.1	97.8	97.9	98.2	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1000	39.7	79.2	86.4	91.9	95.4	96.4	97.7	98.5	98.5	98.9	99.0	99.0	99.0	99.0	99.0	99.0
≥ 900	39.7	79.2	86.5	91.9	95.6	96.5	97.8	98.6	98.7	99.1	99.2	99.2	99.2	99.2	99.2	99.2
≥ 800	39.7	79.3	86.5	92.0	95.7	96.6	97.9	98.8	98.9	99.3	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	39.7	79.3	86.5	92.0	95.7	96.7	98.0	98.9	99.0	99.4	99.5	99.5	99.6	99.6	99.6	99.6
≥ 600	39.7	79.3	86.6	92.0	95.8	96.7	98.1	99.0	99.1	99.5	99.6	99.6	99.7	99.7	99.7	99.7
≥ 500	39.7	79.3	86.6	92.1	95.8	96.7	98.1	99.1	99.2	99.6	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	39.7	79.3	86.6	92.1	95.8	96.8	98.2	99.1	99.2	99.6	99.8	99.8	99.9	99.9	99.9	99.9
≥ 300	39.7	79.3	86.6	92.1	95.8	96.8	98.2	99.1	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	39.7	79.3	86.6	92.1	95.8	96.8	98.2	99.2	99.3	99.7	99.9	99.9	99.9	99.9	100.0	100.0
≥ 100	39.7	79.3	86.6	92.1	95.8	96.8	98.2	99.2	99.3	99.7	99.9	99.9	99.9	99.9	100.0	100.0
≥ 0	39.7	79.3	86.6	92.1	95.8	96.8	98.2	99.2	99.3	99.7	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 13373

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

## CEILING VERSUS VISIBILITY

43310 FUKUOKA KYUSHU JAPAN/ITAZUKE AB

46-64

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	14.3	29.4	31.9	33.6	34.3	34.5	34.7	34.8	34.8	34.9	34.9	34.9	34.9	34.9	34.9	34.9
≥ 20000	19.2	38.7	42.0	44.7	45.7	46.1	46.4	46.6	46.6	46.7	46.7	46.7	46.7	46.7	46.7	46.7
≥ 18000	19.7	39.5	42.9	45.6	46.6	47.0	47.4	47.5	47.6	47.6	47.6	47.6	47.6	47.6	47.7	47.7
≥ 16000	20.1	40.4	43.9	46.7	47.8	48.2	48.5	48.7	48.7	48.8	48.8	48.8	48.8	48.8	48.9	48.9
≥ 14000	21.1	43.1	47.0	50.0	51.2	51.6	52.0	52.2	52.2	52.3	52.3	52.3	52.3	52.3	52.4	52.4
≥ 12000	22.4	46.1	50.4	53.6	55.0	55.6	56.0	56.3	56.4	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 10000	23.6	49.7	54.4	57.9	59.6	60.3	60.9	61.2	61.3	61.4	61.5	61.5	61.5	61.5	61.5	61.5
≥ 9000	24.2	51.0	55.9	59.7	61.4	62.1	62.7	63.1	63.2	63.3	63.3	63.3	63.4	63.4	63.4	63.4
≥ 8000	25.6	54.2	59.5	63.5	65.5	66.2	66.9	67.3	67.4	67.6	67.6	67.6	67.6	67.6	67.6	67.7
≥ 7000	26.2	55.7	61.2	65.4	67.5	68.2	69.0	69.3	69.5	69.6	69.7	69.7	69.7	69.7	69.7	69.7
≥ 6000	26.6	57.0	62.6	67.0	69.0	69.8	70.6	71.0	71.1	71.3	71.3	71.3	71.3	71.3	71.4	71.4
≥ 5000	27.2	58.9	64.7	69.3	71.5	72.3	73.1	73.5	73.6	73.8	73.9	73.9	73.9	73.9	73.9	74.0
≥ 4500	27.6	59.8	65.7	70.3	72.6	73.4	74.3	74.7	74.8	75.0	75.1	75.1	75.1	75.1	75.1	75.1
≥ 4000	28.8	62.5	68.5	73.4	75.8	76.7	77.7	78.1	78.3	78.5	78.5	78.5	78.6	78.6	78.6	78.6
≥ 3500	29.9	65.3	71.6	76.8	79.3	80.3	81.2	81.8	81.9	82.2	82.2	82.2	82.2	82.2	82.2	82.3
≥ 3000	31.7	69.2	76.1	81.7	84.5	85.5	86.7	87.3	87.4	87.8	87.9	87.9	87.9	87.9	87.9	87.9
≥ 2500	32.5	71.9	79.3	85.3	88.3	89.4	90.7	91.4	91.6	92.0	92.0	92.0	92.0	92.1	92.1	92.1
≥ 2000	32.9	73.6	81.2	87.5	90.8	92.0	93.4	94.2	94.4	94.8	94.9	94.9	94.9	94.9	94.9	95.0
≥ 1800	33.0	73.9	81.6	88.0	91.4	92.7	94.1	94.9	95.0	95.5	95.6	95.6	95.6	95.6	95.6	95.7
≥ 1500	33.1	74.4	82.3	88.9	92.4	93.8	95.4	96.3	96.5	97.0	97.1	97.1	97.1	97.1	97.1	97.2
≥ 1200	33.2	74.8	82.8	89.6	93.2	94.7	96.4	97.4	97.6	98.2	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1000	33.2	74.9	83.0	89.9	93.6	95.1	96.9	98.1	98.2	98.8	98.9	98.9	99.0	99.0	99.0	99.0
≥ 900	33.2	75.0	83.1	90.0	93.7	95.2	97.0	98.2	98.4	99.0	99.1	99.1	99.1	99.1	99.1	99.2
≥ 800	33.2	75.0	83.1	90.0	93.9	95.4	97.2	98.4	98.6	99.2	99.3	99.3	99.3	99.4	99.4	99.4
≥ 700	33.2	75.0	83.2	90.1	93.9	95.5	97.3	98.5	98.7	99.3	99.4	99.4	99.5	99.5	99.5	99.5
≥ 600	33.2	75.0	83.2	90.1	93.9	95.5	97.3	98.6	98.8	99.4	99.6	99.6	99.6	99.6	99.6	99.7
≥ 500	33.2	75.1	83.2	90.1	94.0	95.5	97.4	98.7	98.9	99.5	99.7	99.7	99.8	99.8	99.8	99.8
≥ 400	33.2	75.1	83.2	90.1	94.0	95.5	97.4	98.7	98.9	99.6	99.7	99.7	99.8	99.8	99.8	99.8
≥ 300	33.2	75.1	83.2	90.1	94.0	95.5	97.4	98.7	99.0	99.7	99.8	99.8	99.9	99.9	99.9	99.9
≥ 200	33.2	75.1	83.2	90.1	94.0	95.5	97.5	98.8	99.0	99.7	99.8	99.8	99.9	99.9	99.9	100.0
≥ 100	33.2	75.1	83.2	90.1	94.0	95.5	97.5	98.8	99.0	99.7	99.8	99.8	99.9	99.9	99.9	100.0
≥ 0	33.2	75.1	83.2	90.1	94.0	95.5	97.5	98.8	99.0	99.7	99.8	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 13524

1210WS FORM JUL 64 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

## CEILING VERSUS VISIBILITY

43310  
STATION

FUKUOKA KYUSHU JAPAN/ITAZUKE AB  
STATION NAME

46-64  
YEARS

OCT  
MONTH

ALL  
HOURS (LST)

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	18.0	38.0	41.0	43.5	44.5	44.9	45.3	45.6	45.6	45.8	45.8	45.8	45.8	45.8	45.8	45.8
≥ 20000	21.9	46.0	49.9	53.1	54.9	55.6	56.2	56.6	56.7	56.8	56.9	56.9	56.9	56.9	56.9	57.0
≥ 18000	22.4	46.8	50.8	54.0	55.9	56.5	57.1	57.5	57.6	57.8	57.8	57.8	57.8	57.8	57.8	57.9
≥ 16000	22.7	47.7	51.8	55.2	57.2	57.8	58.5	58.9	59.0	59.2	59.2	59.2	59.2	59.3	59.3	59.3
≥ 14000	23.8	50.2	54.5	58.1	60.2	60.9	61.7	62.1	62.1	62.3	62.3	62.3	62.4	62.4	62.4	62.4
≥ 12000	25.1	53.6	58.4	62.3	64.7	65.5	66.3	66.8	66.9	67.1	67.1	67.1	67.2	67.2	67.2	67.2
≥ 10000	26.0	56.2	61.4	65.8	68.4	69.3	70.3	70.9	71.0	71.2	71.2	71.2	71.3	71.3	71.3	71.3
≥ 9000	26.3	57.4	62.7	67.1	69.9	70.8	71.9	72.5	72.6	72.8	72.8	72.8	72.9	72.9	72.9	72.9
≥ 8000	27.0	59.6	65.1	69.9	72.8	73.8	75.0	75.7	75.8	76.1	76.1	76.1	76.2	76.2	76.2	76.2
≥ 7000	27.4	60.6	66.3	71.1	74.2	75.2	76.4	77.2	77.3	77.6	77.6	77.6	77.7	77.7	77.7	77.7
≥ 6000	27.8	61.7	67.5	72.5	75.7	76.8	78.1	78.8	79.0	79.3	79.3	79.3	79.4	79.4	79.4	79.5
≥ 5000	28.7	63.7	69.8	74.9	78.2	79.4	80.8	81.6	81.7	82.0	82.1	82.1	82.2	82.2	82.2	82.2
≥ 4500	29.2	64.8	71.0	76.3	79.7	81.0	82.3	83.1	83.3	83.6	83.7	83.7	83.7	83.8	83.8	83.8
≥ 4000	30.7	67.8	74.2	79.7	83.3	84.6	86.0	86.9	87.0	87.3	87.5	87.5	87.5	87.5	87.5	87.6
≥ 3500	32.1	70.6	77.3	83.0	86.8	88.1	89.6	90.5	90.6	91.0	91.1	91.1	91.2	91.2	91.2	91.3
≥ 3000	33.2	73.0	79.9	85.8	89.8	91.2	92.8	93.7	93.9	94.3	94.4	94.4	94.5	94.5	94.5	94.6
≥ 2500	33.5	73.9	81.0	87.1	91.3	92.7	94.3	95.4	95.5	95.9	96.1	96.1	96.2	96.2	96.2	96.3
≥ 2000	33.7	74.7	81.9	88.2	92.6	94.1	95.8	96.9	97.0	97.5	97.7	97.7	97.8	97.8	97.8	97.9
≥ 1800	33.7	74.8	82.0	88.3	92.8	94.3	96.0	97.1	97.3	97.8	98.0	98.0	98.1	98.1	98.1	98.1
≥ 1500	33.8	74.9	82.2	88.6	93.2	94.7	96.6	97.7	97.8	98.4	98.6	98.6	98.7	98.7	98.7	98.7
≥ 1200	33.8	75.1	82.4	88.9	93.5	95.1	96.9	98.1	98.3	98.8	99.0	99.0	99.1	99.2	99.2	99.2
≥ 1000	33.8	75.1	82.4	89.0	93.6	95.2	97.1	98.4	98.6	99.2	99.4	99.4	99.5	99.5	99.5	99.6
≥ 900	33.8	75.1	82.4	89.0	93.7	95.3	97.2	98.5	98.7	99.2	99.4	99.5	99.6	99.6	99.6	99.7
≥ 800	33.8	75.1	82.5	89.0	93.7	95.3	97.3	98.6	98.7	99.3	99.5	99.5	99.7	99.7	99.7	99.8
≥ 700	33.8	75.2	82.5	89.0	93.8	95.4	97.3	98.6	98.8	99.4	99.6	99.6	99.7	99.7	99.8	99.8
≥ 600	33.8	75.2	82.5	89.0	93.8	95.4	97.4	98.7	98.9	99.4	99.7	99.7	99.8	99.8	99.8	99.9
≥ 500	33.8	75.2	82.5	89.0	93.8	95.4	97.4	98.7	98.9	99.5	99.7	99.7	99.8	99.8	99.9	99.9
≥ 400	33.8	75.2	82.5	89.0	93.8	95.4	97.4	98.7	98.9	99.5	99.7	99.7	99.9	99.9	99.9	100.0
≥ 300	33.8	75.2	82.5	89.0	93.8	95.4	97.4	98.7	98.9	99.5	99.7	99.7	99.9	99.9	99.9	100.0
≥ 200	33.8	75.2	82.5	89.0	93.8	95.4	97.4	98.7	98.9	99.5	99.7	99.7	99.9	99.9	99.9	100.0
≥ 100	33.8	75.2	82.5	89.0	93.8	95.4	97.4	98.7	98.9	99.5	99.7	99.7	99.9	99.9	99.9	100.0
≥ 0	33.8	75.2	82.5	89.0	93.8	95.4	97.4	98.7	98.9	99.5	99.7	99.7	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 14133

1210WS FORM JUL 64 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

## CEILING VERSUS VISIBILITY

43310  
STATION

FUKUOKA KYUSHU JAPAN/ITAZUKE AB  
STATION NAME

46-64  
YEARS

NOV  
MONTH

ALL  
HOURS (L.S.T.)

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	14.3	32.8	36.5	40.2	42.4	43.6	44.7	45.4	45.5	45.8	45.8	45.8	45.9	45.9	45.9	45.9
≥ 20000	16.5	38.0	42.5	47.3	50.2	51.6	52.9	53.8	53.9	54.3	54.3	54.3	54.4	54.4	54.4	54.5
≥ 18000	16.7	38.3	42.9	47.6	50.6	52.1	53.4	54.2	54.3	54.7	54.8	54.8	54.8	54.8	54.8	54.9
≥ 16000	16.9	38.7	43.4	48.2	51.2	52.7	54.1	55.0	55.1	55.4	55.5	55.5	55.5	55.6	55.6	55.6
≥ 14000	17.1	39.6	44.4	49.4	52.5	54.1	55.5	56.4	56.5	56.9	57.0	57.0	57.0	57.0	57.1	57.1
≥ 12000	17.6	41.2	46.3	51.7	55.1	56.8	58.3	59.3	59.4	59.9	60.0	60.0	60.1	60.1	60.1	60.1
≥ 10000	18.3	43.2	48.8	54.9	58.7	60.5	62.3	63.4	63.5	64.0	64.1	64.1	64.2	64.2	64.2	64.3
≥ 9000	18.5	43.7	49.4	55.7	59.6	61.5	63.3	64.5	64.6	65.1	65.3	65.3	65.4	65.4	65.4	65.5
≥ 8000	18.8	44.9	51.0	57.7	61.8	63.9	65.9	67.1	67.2	67.8	68.0	68.0	68.1	68.1	68.1	68.2
≥ 7000	18.8	45.5	51.7	58.6	62.9	65.0	67.2	68.4	68.5	69.1	69.3	69.3	69.4	69.5	69.5	69.5
≥ 6000	19.1	46.5	52.8	59.9	64.2	66.4	68.7	70.0	70.1	70.7	70.9	71.0	71.1	71.1	71.1	71.2
≥ 5000	20.5	49.3	55.9	63.2	67.7	70.1	72.5	73.9	74.0	74.7	74.9	74.9	75.1	75.1	75.1	75.2
≥ 4500	22.1	52.1	58.8	66.3	71.0	73.4	75.9	77.3	77.5	78.1	78.4	78.4	78.5	78.6	78.6	78.6
≥ 4000	25.3	57.7	64.7	72.6	77.5	80.0	82.7	84.2	84.4	85.2	85.5	85.6	85.7	85.7	85.8	85.8
≥ 3500	27.1	60.9	68.3	76.6	81.8	84.3	87.2	88.8	88.9	89.8	90.2	90.2	90.4	90.4	90.4	90.5
≥ 3000	28.3	63.7	71.5	80.1	85.7	88.3	91.3	93.0	93.2	94.2	94.5	94.5	94.7	94.7	94.7	94.8
≥ 2500	28.9	65.1	73.1	82.0	87.7	90.4	93.6	95.3	95.5	96.5	96.8	96.8	97.0	97.0	97.0	97.1
≥ 2000	29.1	65.7	73.9	82.9	88.9	91.6	94.8	96.6	96.8	97.8	98.1	98.2	98.3	98.4	98.4	98.5
≥ 1800	29.1	65.8	74.0	83.0	89.0	91.8	95.0	96.8	97.0	98.0	98.3	98.3	98.5	98.5	98.5	98.6
≥ 1500	29.1	65.9	74.1	83.2	89.3	92.1	95.4	97.2	97.4	98.4	98.8	98.8	99.0	99.0	99.0	99.1
≥ 1200	29.1	66.0	74.2	83.3	89.5	92.4	95.7	97.5	97.8	98.8	99.1	99.1	99.3	99.3	99.4	99.4
≥ 1000	29.1	66.0	74.2	83.4	89.6	92.5	95.8	97.8	98.0	99.0	99.3	99.4	99.6	99.6	99.6	99.7
≥ 900	29.1	66.0	74.2	83.4	89.6	92.5	95.8	97.8	98.0	99.0	99.4	99.4	99.6	99.6	99.7	99.7
≥ 800	29.1	66.0	74.2	83.4	89.6	92.5	95.8	97.8	98.0	99.1	99.4	99.4	99.6	99.7	99.7	99.8
≥ 700	29.1	66.0	74.2	83.4	89.6	92.5	95.9	97.8	98.1	99.1	99.4	99.5	99.7	99.7	99.7	99.8
≥ 600	29.1	66.0	74.2	83.4	89.7	92.6	95.9	97.9	98.1	99.1	99.5	99.5	99.7	99.7	99.8	99.9
≥ 500	29.1	66.0	74.2	83.4	89.7	92.6	95.9	97.9	98.1	99.2	99.5	99.5	99.8	99.8	99.8	99.9
≥ 400	29.1	66.0	74.2	83.4	89.7	92.6	95.9	97.9	98.1	99.2	99.5	99.6	99.8	99.8	99.8	99.9
≥ 300	29.1	66.0	74.2	83.4	89.7	92.6	95.9	97.9	98.1	99.2	99.6	99.6	99.8	99.8	99.9	99.9
≥ 200	29.1	66.0	74.2	83.4	89.7	92.6	95.9	97.9	98.2	99.2	99.6	99.6	99.8	99.8	99.9	100.0
≥ 100	29.1	66.0	74.2	83.4	89.7	92.6	95.9	97.9	98.2	99.2	99.6	99.6	99.8	99.8	99.9	100.0
≥ 0	29.1	66.0	74.2	83.4	89.7	92.6	95.9	97.9	98.2	99.2	99.6	99.6	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 13680

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

# CEILING VERSUS VISIBILITY

43310  
STATION

FUKUOKA KYUSHU JAPAN/ITAZUKE AB  
STATION NAME

46-64  
YEARS

DEC  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL  
HOURS (L & T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	9.4	23.3	26.4	29.1	30.6	31.3	32.0	32.4	32.4	32.6	32.6	32.6	32.7	32.7	32.7	32.7
≥ 20000	10.7	27.2	30.8	34.1	36.1	37.2	38.1	38.5	38.5	38.7	38.8	38.8	38.8	38.8	38.8	38.9
≥ 18000	10.9	27.4	31.1	34.4	36.4	37.5	38.4	38.8	38.8	39.0	39.1	39.1	39.1	39.1	39.2	39.2
≥ 16000	11.0	27.8	31.4	34.8	36.8	37.9	38.7	39.2	39.2	39.4	39.5	39.5	39.5	39.5	39.6	39.6
≥ 14000	11.4	28.6	32.4	35.9	38.0	39.1	40.0	40.5	40.5	40.7	40.8	40.8	40.9	40.9	40.9	40.9
≥ 12000	11.7	29.8	33.8	37.6	39.8	41.0	41.9	42.4	42.5	42.7	42.8	42.8	42.8	42.8	42.8	42.9
≥ 10000	12.1	31.2	35.5	39.5	42.0	43.2	44.3	44.9	44.9	45.2	45.3	45.3	45.3	45.3	45.4	45.4
≥ 9000	12.4	32.0	36.4	40.5	43.1	44.4	45.5	46.1	46.2	46.4	46.6	46.6	46.6	46.6	46.7	46.7
≥ 8000	12.7	33.2	37.9	42.4	45.2	46.5	47.7	48.4	48.5	48.8	49.0	49.0	49.0	49.0	49.1	49.1
≥ 7000	12.9	33.9	38.9	43.5	46.5	47.8	49.0	49.8	49.9	50.2	50.4	50.4	50.4	50.4	50.5	50.5
≥ 6000	13.3	35.0	40.2	45.1	48.3	49.7	51.0	51.8	51.9	52.2	52.4	52.4	52.4	52.5	52.5	52.5
≥ 5000	15.0	39.1	44.6	49.8	53.4	54.8	56.3	57.1	57.2	57.6	57.8	57.8	57.8	57.9	57.9	57.9
≥ 4500	17.4	43.7	49.7	55.2	58.9	60.4	62.0	62.9	63.0	63.3	63.5	63.5	63.6	63.6	63.7	63.7
≥ 4000	24.1	55.7	62.4	68.5	72.6	74.3	76.0	77.1	77.2	77.6	77.8	77.8	77.9	77.9	78.0	78.0
≥ 3500	27.5	63.1	70.5	77.2	81.7	83.5	85.3	86.4	86.5	87.0	87.2	87.2	87.4	87.4	87.4	87.5
≥ 3000	29.2	67.4	75.5	82.8	87.8	89.8	91.9	93.0	93.1	93.7	93.9	93.9	94.1	94.1	94.2	94.2
≥ 2500	29.7	68.9	77.3	84.9	90.2	92.3	94.5	95.7	95.8	96.4	96.7	96.7	96.9	96.9	97.0	97.0
≥ 2000	29.7	69.5	78.0	85.8	91.3	93.4	95.9	97.1	97.2	97.8	98.2	98.2	98.4	98.4	98.5	98.5
≥ 1800	29.8	69.6	78.2	85.9	91.5	93.7	96.1	97.4	97.5	98.1	98.4	98.4	98.6	98.6	98.7	98.7
≥ 1500	29.8	69.6	78.2	86.0	91.6	93.8	96.3	97.7	97.8	98.4	98.8	98.8	99.0	99.0	99.1	99.1
≥ 1200	29.8	69.6	78.3	86.1	91.8	94.0	96.5	97.9	98.0	98.7	99.0	99.1	99.2	99.3	99.3	99.4
≥ 1000	29.8	69.7	78.4	86.2	91.9	94.1	96.7	98.1	98.2	98.9	99.3	99.3	99.5	99.5	99.6	99.6
≥ 900	29.8	69.7	78.4	86.2	92.0	94.2	96.7	98.1	98.3	99.0	99.3	99.3	99.5	99.6	99.6	99.7
≥ 800	29.8	69.7	78.4	86.2	92.0	94.3	96.8	98.2	98.4	99.1	99.4	99.5	99.6	99.7	99.7	99.8
≥ 700	29.8	69.7	78.4	86.2	92.0	94.3	96.8	98.2	98.4	99.1	99.4	99.5	99.7	99.7	99.8	99.8
≥ 600	29.8	69.7	78.4	86.2	92.0	94.3	96.8	98.3	98.4	99.1	99.5	99.5	99.7	99.7	99.8	99.8
≥ 500	29.8	69.7	78.4	86.3	92.1	94.3	96.8	98.3	98.5	99.2	99.5	99.6	99.8	99.8	99.9	99.9
≥ 400	29.8	69.7	78.4	86.3	92.1	94.3	96.9	98.3	98.5	99.2	99.6	99.6	99.8	99.8	99.9	99.9
≥ 300	29.8	69.7	78.4	86.3	92.1	94.3	96.9	98.3	98.5	99.2	99.6	99.6	99.8	99.8	99.9	100.0
≥ 200	29.8	69.7	78.4	86.3	92.1	94.3	96.9	98.3	98.5	99.2	99.6	99.6	99.8	99.8	99.9	100.0
≥ 100	29.8	69.7	78.4	86.3	92.1	94.3	96.9	98.3	98.5	99.2	99.6	99.6	99.8	99.8	99.9	100.0
≥ 0	29.8	69.7	78.4	86.3	92.1	94.3	96.9	98.3	98.5	99.2	99.6	99.6	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 14132

1210WS FORM JUL 64 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

## CEILING VERSUS VISIBILITY

43310

FUKUOKA KYUSHU JAPAN/ITAZUKE AB

47-64

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0000-0200

HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	7.4	23.2	26.2	28.9	30.0	30.2	30.5	30.6	30.7	30.8	30.8	30.8	30.8	31.0	31.0	31.1
≥ 20000	7.6	24.1	27.7	30.6	32.0	32.2	32.7	32.9	32.9	33.0	33.0	33.0	33.0	33.2	33.2	33.3
≥ 18000	7.6	24.2	27.7	30.7	32.1	32.3	32.9	33.0	33.1	33.2	33.2	33.2	33.2	33.4	33.4	33.5
≥ 16000	7.6	24.4	27.9	30.9	32.3	32.4	33.0	33.2	33.3	33.3	33.4	33.4	33.4	33.6	33.6	33.6
≥ 14000	7.6	24.7	28.3	31.2	32.7	32.9	33.5	33.7	33.8	33.8	33.9	33.9	33.9	34.1	34.1	34.1
≥ 12000	8.1	25.6	29.6	32.6	34.1	34.3	34.9	35.1	35.1	35.2	35.2	35.2	35.2	35.4	35.4	35.5
≥ 10000	8.2	26.8	31.2	34.9	36.4	36.6	37.2	37.4	37.5	37.5	37.6	37.6	37.6	37.8	37.8	37.8
≥ 9000	8.4	27.3	32.0	35.8	37.3	37.5	38.1	38.3	38.4	38.5	38.5	38.5	38.5	38.7	38.7	38.8
≥ 8000	8.5	28.7	33.8	37.8	39.5	39.7	40.3	40.4	40.5	40.6	40.7	40.7	40.7	40.9	40.9	40.9
≥ 7000	8.5	29.5	34.7	39.1	40.8	41.0	41.8	42.0	42.1	42.2	42.3	42.3	42.3	42.5	42.5	42.5
≥ 6000	8.9	30.3	35.7	40.2	42.0	42.2	43.0	43.2	43.2	43.5	43.5	43.5	43.5	43.7	43.7	43.8
≥ 5000	10.9	35.7	41.6	46.4	48.6	49.0	49.9	50.2	50.4	50.6	50.7	50.7	50.7	50.8	50.8	50.9
≥ 4500	13.9	41.8	47.8	53.2	55.8	56.3	57.2	57.5	57.6	58.0	58.1	58.1	58.1	58.2	58.2	58.3
≥ 4000	19.5	56.2	63.1	69.1	72.2	72.9	74.0	74.3	74.4	74.8	74.9	74.9	74.9	75.0	75.0	75.1
≥ 3500	21.1	64.1	72.0	78.6	82.3	83.0	84.1	84.3	84.5	84.9	85.0	85.0	85.0	85.2	85.2	85.2
≥ 3000	22.2	67.9	76.6	83.8	88.0	88.7	89.8	90.1	90.2	90.7	90.9	90.9	90.9	91.1	91.1	91.2
≥ 2500	22.3	69.5	78.6	86.4	91.3	92.1	93.4	93.8	94.0	94.7	94.8	94.9	94.9	95.0	95.0	95.1
≥ 2000	22.5	70.4	79.8	87.9	93.1	93.9	95.3	95.9	96.0	96.8	96.9	97.0	97.0	97.1	97.1	97.2
≥ 1800	22.5	70.5	79.9	88.0	93.2	94.1	95.5	96.1	96.2	97.0	97.1	97.2	97.2	97.4	97.4	97.4
≥ 1500	22.5	70.7	80.3	88.6	94.0	95.0	96.5	97.1	97.3	98.0	98.1	98.2	98.2	98.4	98.4	98.4
≥ 1200	22.5	70.7	80.4	88.8	94.3	95.4	96.9	97.5	97.6	98.4	98.6	98.6	98.6	98.8	98.8	98.9
≥ 1000	22.5	70.7	80.4	88.9	94.5	95.7	97.3	98.0	98.1	99.0	99.1	99.2	99.2	99.3	99.3	99.4
≥ 900	22.5	70.7	80.4	88.9	94.5	95.7	97.3	98.0	98.1	99.0	99.1	99.2	99.2	99.3	99.3	99.4
≥ 800	22.5	70.7	80.4	88.9	94.6	95.8	97.4	98.1	98.3	99.1	99.2	99.3	99.3	99.5	99.5	99.5
≥ 700	22.5	70.7	80.4	88.9	94.6	95.8	97.4	98.1	98.3	99.1	99.2	99.3	99.3	99.5	99.5	99.5
≥ 600	22.5	70.7	80.4	88.9	94.6	95.8	97.5	98.2	98.3	99.2	99.3	99.3	99.3	99.5	99.5	99.6
≥ 500	22.5	70.7	80.5	88.9	94.7	95.9	97.6	98.3	98.4	99.3	99.4	99.5	99.5	99.6	99.6	99.7
≥ 400	22.5	70.8	80.5	89.0	94.7	95.9	97.7	98.4	98.6	99.5	99.6	99.6	99.6	99.8	99.8	99.9
≥ 300	22.5	70.8	80.5	89.0	94.7	95.9	97.7	98.4	98.6	99.5	99.6	99.6	99.6	99.8	99.8	99.9
≥ 200	22.5	70.8	80.5	89.0	94.7	95.9	97.7	98.4	98.6	99.5	99.6	99.6	99.6	99.8	99.8	99.9
≥ 100	22.5	70.8	80.5	89.0	94.7	95.9	97.7	98.4	98.6	99.5	99.6	99.6	99.6	99.8	99.9	99.9
≥ 0	22.5	70.8	80.5	89.0	94.7	95.9	97.7	98.4	98.6	99.5	99.6	99.6	99.6	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 1674

1210W5 FORM 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

## CEILING VERSUS VISIBILITY

43310  
STATION

FUKUCKA KYUSHU JAPAN/ITAZUKE AB  
STATION NAME

47-64  
YEARS

JAN  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 9	≥ 8	≥ 7	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 0
NO CEILING	6.5	20.3	22.3	24.4	26.0	26.5	26.6	26.8	26.8	26.9	27.0	27.0	27.0	27.0	27.1	27.1
≥ 20000	6.5	21.4	23.5	25.9	27.6	28.1	28.3	28.4	28.4	28.6	28.6	28.6	28.6	28.6	28.7	28.7
≥ 18000	6.5	21.4	23.5	25.9	27.6	28.1	28.3	28.4	28.4	28.6	28.6	28.6	28.6	28.6	28.7	28.7
≥ 16000	6.6	21.5	23.6	26.0	27.7	28.1	28.3	28.5	28.5	28.6	28.7	28.7	28.7	28.7	28.7	28.7
≥ 14000	6.6	22.0	24.1	26.5	28.4	28.9	29.1	29.3	29.3	29.4	29.5	29.5	29.5	29.5	29.5	29.5
≥ 12000	6.9	23.0	25.5	28.0	30.0	30.6	30.8	30.9	30.9	31.1	31.1	31.1	31.1	31.1	31.2	31.2
≥ 10000	7.4	24.9	28.0	31.3	33.3	33.9	34.1	34.2	34.2	34.3	34.4	34.4	34.4	34.4	34.5	34.5
≥ 9000	7.5	25.3	28.6	32.1	34.2	34.7	34.9	35.1	35.1	35.2	35.2	35.2	35.2	35.2	35.3	35.3
≥ 8000	7.5	26.2	29.9	33.5	35.9	36.4	36.6	36.8	36.8	36.9	37.0	37.0	37.0	37.0	37.0	37.0
≥ 7000	7.6	26.8	30.9	34.9	37.3	37.8	38.0	38.2	38.2	38.4	38.4	38.4	38.4	38.4	38.5	38.5
≥ 6000	7.7	27.7	32.0	36.0	38.4	39.0	39.2	39.4	39.4	39.5	39.6	39.6	39.6	39.6	39.7	39.7
≥ 5000	10.0	33.6	38.3	42.8	45.5	46.1	46.4	46.6	46.6	46.7	46.8	46.8	46.8	46.8	46.8	46.8
≥ 4500	13.3	39.6	44.8	49.6	52.6	53.2	53.5	53.8	53.8	53.9	53.9	53.9	53.9	53.9	54.0	54.0
≥ 4000	19.2	56.0	62.2	68.0	71.7	72.6	72.9	73.2	73.2	73.4	73.5	73.5	73.5	73.5	73.5	73.5
≥ 3500	21.6	65.0	72.2	78.7	82.8	83.8	84.4	84.7	84.7	84.9	85.0	85.0	85.0	85.0	85.1	85.1
≥ 3000	22.8	69.7	77.5	84.9	89.5	90.5	91.3	91.6	91.6	91.8	91.9	91.9	91.9	91.9	92.0	92.0
≥ 2500	23.0	71.4	79.6	87.5	92.4	93.6	94.6	95.0	95.0	95.2	95.3	95.3	95.3	95.3	95.4	95.4
≥ 2000	23.2	72.2	80.7	88.8	94.0	95.5	96.7	97.2	97.3	97.6	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1800	23.2	72.2	80.8	88.9	94.2	95.6	96.9	97.4	97.5	97.8	97.9	97.9	97.9	97.9	98.0	98.0
≥ 1500	23.4	72.6	81.3	89.4	94.8	96.2	97.5	98.0	98.1	98.4	98.5	98.5	98.5	98.5	98.6	98.6
≥ 1200	23.4	72.6	81.3	89.4	94.9	96.4	97.7	98.2	98.3	98.6	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1000	23.4	72.6	81.3	89.5	95.0	96.5	97.8	98.3	98.4	98.7	98.8	98.8	98.8	98.8	98.9	98.9
≥ 900	23.4	72.6	81.3	89.5	95.0	96.5	97.8	98.4	98.4	98.7	98.9	98.9	98.9	98.9	98.9	99.0
≥ 800	23.4	72.6	81.3	89.5	95.0	96.5	97.8	98.4	98.4	98.7	98.9	98.9	98.9	98.9	98.9	99.0
≥ 700	23.4	72.6	81.3	89.5	95.0	96.5	97.8	98.4	98.5	98.9	99.0	99.0	99.0	99.0	99.1	99.2
≥ 600	23.4	72.7	81.4	89.5	95.2	96.6	98.0	98.6	98.7	99.1	99.2	99.2	99.2	99.2	99.3	99.3
≥ 500	23.4	72.7	81.4	89.7	95.4	96.9	98.3	98.9	99.0	99.4	99.5	99.5	99.5	99.5	99.6	99.6
≥ 400	23.4	72.7	81.4	89.7	95.4	96.9	98.3	98.9	99.0	99.5	99.6	99.6	99.6	99.6	99.6	99.7
≥ 300	23.4	72.7	81.4	89.7	95.4	96.9	98.3	98.9	99.0	99.5	99.6	99.6	99.6	99.6	99.6	99.8
≥ 200	23.4	72.7	81.4	89.7	95.4	96.9	98.3	98.9	99.0	99.5	99.6	99.6	99.6	99.6	99.8	99.9
≥ 100	23.4	72.7	81.4	89.7	95.4	96.9	98.3	98.9	99.0	99.5	99.6	99.6	99.6	99.6	99.8	99.9
≥ 0	23.4	72.7	81.4	89.7	95.4	96.9	98.3	98.9	99.0	99.5	99.6	99.6	99.6	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 1674

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

# CEILING VERSUS VISIBILITY

43310  
STATION

FUKUOKA KYUSHU JAPAN/ITAZUKE AB  
STATION NAME

47-64  
YEARS

JAN  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	4.1	12.6	15.4	17.5	19.3	19.8	20.6	21.0	21.0	21.0	21.0	21.0	21.0	21.1	21.1	21.1
≥ 20000	4.6	14.6	17.8	20.2	22.2	22.8	23.7	24.1	24.1	24.3	24.3	24.3	24.3	24.4	24.4	24.4
≥ 18000	4.6	14.6	17.8	20.2	22.3	22.9	23.7	24.1	24.1	24.3	24.3	24.3	24.3	24.4	24.4	24.5
≥ 16000	4.7	14.7	17.9	20.3	22.4	23.0	23.8	24.3	24.3	24.4	24.4	24.4	24.4	24.6	24.6	24.6
≥ 14000	4.8	15.1	18.3	20.7	22.9	23.5	24.4	24.8	24.9	25.0	25.0	25.0	25.1	25.1	25.2	25.2
≥ 12000	5.1	16.2	20.0	22.5	24.8	25.5	26.5	26.9	27.0	27.3	27.3	27.3	27.5	27.5	27.5	27.5
≥ 10000	5.5	17.3	21.1	23.9	26.4	27.2	28.2	28.7	28.8	29.1	29.1	29.1	29.3	29.3	29.3	29.3
≥ 9000	5.6	17.5	21.4	24.4	26.9	27.8	28.8	29.3	29.4	29.7	29.7	29.7	29.9	29.9	29.9	29.9
≥ 8000	5.8	18.6	23.0	26.2	29.0	29.9	30.9	31.5	31.5	31.8	31.8	31.8	32.0	32.0	32.1	32.1
≥ 7000	5.9	19.3	23.7	27.1	29.9	30.8	31.8	32.5	32.6	32.9	32.9	32.9	33.0	33.0	33.1	33.1
≥ 6000	6.2	19.8	24.4	27.8	30.9	31.8	32.8	33.6	33.6	34.1	34.1	34.1	34.2	34.2	34.3	34.3
≥ 5000	8.0	24.6	29.7	33.4	36.7	37.6	38.6	39.4	39.5	40.0	40.0	40.0	40.2	40.2	40.3	40.3
≥ 4500	11.5	30.4	35.8	39.6	43.2	44.2	45.3	46.2	46.2	46.8	46.8	46.8	47.0	47.0	47.1	47.2
≥ 4000	18.6	46.8	53.9	58.8	62.8	64.0	65.1	66.1	66.1	66.7	66.7	66.7	66.9	66.9	67.0	67.1
≥ 3500	22.2	56.9	65.3	71.6	76.3	77.6	79.0	80.2	80.3	81.0	81.1	81.1	81.3	81.3	81.4	81.5
≥ 3000	23.2	61.5	70.7	77.8	83.8	85.4	87.2	88.6	88.8	89.6	89.8	89.8	90.1	90.1	90.1	90.3
≥ 2500	23.5	63.3	73.3	81.1	87.5	89.3	91.2	92.7	92.8	93.7	93.9	93.9	94.2	94.2	94.3	94.4
≥ 2000	23.6	64.0	74.5	82.4	89.2	91.3	93.2	95.0	95.2	96.1	96.3	96.3	96.7	96.7	96.8	96.9
≥ 1800	23.6	64.0	74.5	82.4	89.2	91.3	93.5	95.3	95.5	96.5	96.7	96.7	97.1	97.1	97.2	97.3
≥ 1500	23.6	64.2	74.7	82.7	89.7	91.9	94.2	96.1	96.4	97.5	97.7	97.7	98.1	98.1	98.2	98.3
≥ 1200	23.6	64.2	74.7	83.0	90.0	92.2	94.6	96.5	96.8	98.0	98.2	98.2	98.6	98.6	98.7	98.8
≥ 1000	23.6	64.2	75.0	83.4	90.3	92.6	94.9	97.0	97.2	98.4	98.7	98.7	99.2	99.2	99.3	99.5
≥ 900	23.6	64.2	75.0	83.4	90.3	92.6	94.9	97.0	97.2	98.4	98.7	98.7	99.2	99.2	99.3	99.5
≥ 800	23.6	64.2	75.0	83.5	90.4	92.7	95.0	97.0	97.3	98.4	98.8	98.8	99.2	99.2	99.4	99.5
≥ 700	23.6	64.2	75.0	83.5	90.4	92.7	95.0	97.0	97.3	98.4	98.9	98.9	99.3	99.3	99.5	99.6
≥ 600	23.6	64.2	75.0	83.5	90.4	92.7	95.0	97.1	97.3	98.5	98.9	98.9	99.3	99.3	99.5	99.7
≥ 500	23.6	64.2	75.0	83.5	90.4	92.7	95.0	97.1	97.4	98.6	99.0	99.0	99.5	99.5	99.6	99.8
≥ 400	23.6	64.2	75.0	83.5	90.4	92.7	95.0	97.1	97.4	98.6	99.1	99.1	99.5	99.5	99.7	99.9
≥ 300	23.6	64.2	75.0	83.5	90.4	92.7	95.0	97.1	97.4	98.6	99.1	99.1	99.5	99.5	99.7	99.9
≥ 200	23.6	64.2	75.0	83.5	90.4	92.7	95.0	97.1	97.4	98.6	99.1	99.1	99.5	99.5	99.8	100.0
≥ 100	23.6	64.2	75.0	83.5	90.4	92.7	95.0	97.1	97.4	98.6	99.1	99.1	99.5	99.5	99.8	100.0
≥ 0	23.6	64.2	75.0	83.5	90.4	92.7	95.0	97.1	97.4	98.6	99.1	99.1	99.5	99.5	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 1674



DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

## CEILING VERSUS VISIBILITY

43310 FUKUOKA KYUSHU JAPAN/ITAZUKE AB

47-64

JAN  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	5.8	12.3	13.9	15.8	17.0	17.4	17.9	18.1	18.1	18.1	18.2	18.2	18.2	18.2	18.2	18.2
≥ 2000"	6.5	15.0	16.9	19.0	20.3	20.8	21.6	22.0	22.0	22.0	22.0	22.0	22.0	22.1	22.1	22.1
≥ 18000	6.9	15.4	17.3	19.5	20.8	21.4	22.2	22.6	22.6	22.6	22.6	22.6	22.7	22.7	22.7	22.7
≥ 16000	6.9	15.6	17.6	19.9	21.2	21.8	22.6	23.0	23.0	23.0	23.1	23.1	23.1	23.1	23.1	23.1
≥ 14000	7.2	16.3	18.3	21.0	22.5	23.1	23.9	24.3	24.3	24.4	24.4	24.4	24.5	24.5	24.5	24.5
≥ 12000	7.8	17.6	20.0	22.8	24.4	25.2	26.1	26.5	26.5	26.8	26.8	26.8	26.9	26.9	26.9	26.9
≥ 10000	8.4	19.2	21.7	24.6	26.5	27.3	28.3	29.0	29.0	29.3	29.4	29.4	29.5	29.5	29.5	29.5
≥ 9000	8.6	19.8	22.5	25.4	27.3	28.2	29.3	30.1	30.1	30.5	30.5	30.5	30.6	30.6	30.6	30.6
≥ 8000	9.1	20.8	23.7	27.5	29.6	30.8	32.2	33.0	33.0	33.5	33.6	33.6	33.7	33.7	33.8	33.8
≥ 7000	9.1	21.2	24.3	28.1	30.4	31.7	33.2	34.0	34.0	34.6	34.6	34.6	34.8	34.8	34.8	34.9
≥ 6000	9.3	21.7	24.9	28.8	31.1	32.4	34.2	35.0	35.0	35.7	35.7	35.7	35.8	35.8	35.9	36.0
≥ 5000	10.9	25.1	28.9	32.9	35.7	37.0	38.8	39.6	39.6	40.3	40.3	40.3	40.4	40.4	40.5	40.6
≥ 4500	13.4	29.6	33.6	38.1	41.0	42.4	44.3	45.1	45.1	45.8	45.8	45.8	45.9	45.9	46.0	46.1
≥ 4000	21.6	44.4	49.9	55.3	59.0	60.6	62.7	63.5	63.6	64.5	64.6	64.6	64.8	64.8	64.9	64.9
≥ 3500	27.4	54.2	60.5	66.2	70.4	72.2	74.6	75.5	75.6	76.6	76.6	76.9	77.2	77.2	77.3	77.4
≥ 3000	29.8	60.1	67.0	73.5	78.6	80.9	83.8	85.0	85.2	86.3	86.6	86.6	86.8	86.8	87.0	87.1
≥ 2500	30.9	63.1	70.6	77.4	83.2	85.8	89.1	90.6	90.9	92.4	92.8	92.8	93.0	93.0	93.2	93.3
≥ 2000	31.1	64.2	72.3	79.4	85.5	88.2	91.9	93.7	94.0	95.6	96.1	96.1	96.3	96.3	96.5	96.6
≥ 1800	31.1	64.2	72.4	79.6	85.7	88.4	92.1	94.0	94.3	95.7	96.4	96.4	96.7	96.7	96.9	97.0
≥ 1500	31.1	64.5	72.7	80.0	86.3	89.1	93.0	95.0	95.5	97.3	97.8	97.8	98.1	98.2	98.5	98.6
≥ 1200	31.1	64.5	72.8	80.0	86.4	89.2	93.2	95.3	95.8	97.7	98.2	98.2	98.5	98.6	98.9	99.0
≥ 1000	31.1	64.5	72.8	80.0	86.5	89.3	93.4	95.6	96.1	98.1	98.7	98.7	99.0	99.1	99.4	99.5
≥ 900	31.1	64.5	72.8	80.0	86.5	89.3	93.4	95.6	96.1	98.1	98.7	98.7	99.0	99.2	99.5	99.5
≥ 800	31.1	64.5	72.8	80.0	86.5	89.3	93.4	95.6	96.1	98.1	98.7	98.7	99.1	99.2	99.5	99.6
≥ 700	31.1	64.5	72.8	80.0	86.5	89.3	93.4	95.6	96.1	98.1	98.7	98.7	99.1	99.2	99.5	99.6
≥ 600	31.1	64.5	72.8	80.0	86.5	89.3	93.4	95.6	96.1	98.1	98.7	98.7	99.1	99.2	99.5	99.6
≥ 500	31.1	64.5	72.8	80.1	86.6	89.4	93.5	95.6	96.1	98.1	98.8	98.8	99.3	99.5	99.8	99.9
≥ 400	31.1	64.5	72.8	80.1	86.6	89.4	93.5	95.6	96.1	98.1	98.8	98.8	99.3	99.5	99.8	99.9
≥ 300	31.1	64.5	72.8	80.1	86.6	89.4	93.5	95.6	96.1	98.1	98.9	98.9	99.4	99.6	99.9	100.0
≥ 200	31.1	64.5	72.8	80.1	86.6	89.4	93.5	95.6	96.1	98.1	98.9	98.9	99.4	99.6	99.9	100.0
≥ 100	31.1	64.5	72.8	80.1	86.6	89.4	93.5	95.6	96.1	98.1	98.9	98.9	99.4	99.6	99.9	100.0
≥ 0	31.1	64.5	72.8	80.1	86.6	89.4	93.5	95.6	96.1	98.1	98.9	98.9	99.4	99.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 1674

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

# CEILING VERSUS VISIBILITY

43310  
STATION

FUKUOKA KYUSHU JAPAN/ITAZUKE AB  
STATION NAME

47-64  
YEARS

JAN  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	15.1	20.1	20.4	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7
≥ 20000	17.5	24.1	24.7	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1
≥ 18000	17.7	24.6	25.3	25.7	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8
≥ 16000	18.0	25.0	25.7	26.1	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2
≥ 14000	18.6	25.9	26.7	27.1	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2
≥ 12000	19.4	28.1	29.0	29.4	29.6	29.6	29.6	29.6	29.6	29.6	29.7	29.7	29.7	29.7	29.7	29.7
≥ 10000	20.2	30.0	31.0	31.7	32.0	32.1	32.3	32.3	32.3	32.3	32.4	32.4	32.4	32.4	32.4	32.4
≥ 9000	20.3	30.9	31.9	32.8	33.2	33.3	33.6	33.6	33.6	33.6	33.7	33.7	33.7	33.7	33.7	33.7
≥ 8000	21.0	32.8	33.8	35.1	35.6	35.7	36.2	36.2	36.2	36.3	36.3	36.3	36.3	36.3	36.3	36.3
≥ 7000	21.3	33.7	34.7	36.0	36.6	36.8	37.4	37.4	37.4	37.5	37.6	37.6	37.6	37.6	37.6	37.6
≥ 6000	21.6	34.8	35.8	37.3	38.0	38.2	38.8	38.8	38.8	38.9	39.0	39.0	39.0	39.0	39.0	39.0
≥ 5000	23.5	37.8	39.1	40.7	41.6	41.9	42.5	42.6	42.6	42.7	42.8	42.8	42.8	42.8	42.8	42.8
≥ 4500	27.1	42.5	44.1	45.9	46.8	47.1	47.7	47.8	47.8	47.9	48.0	48.0	48.0	48.0	48.0	48.0
≥ 4000	38.0	58.1	60.3	62.3	63.5	63.8	64.6	64.6	64.6	64.8	65.0	65.0	65.1	65.1	65.1	65.1
≥ 3500	45.5	69.5	72.0	74.6	76.2	76.5	77.3	77.5	77.5	77.7	78.0	78.0	78.1	78.1	78.1	78.1
≥ 3000	48.6	76.0	79.2	82.0	84.1	84.5	85.4	85.8	85.8	86.1	86.4	86.4	86.5	86.5	86.6	86.6
≥ 2500	49.8	78.7	82.3	85.9	88.4	88.9	90.1	90.6	90.6	91.0	91.3	91.3	91.4	91.4	91.5	91.5
≥ 2000	50.4	80.3	84.3	88.6	91.9	92.4	93.9	94.7	94.7	95.3	95.8	95.8	95.9	95.9	96.1	96.1
≥ 1800	50.4	80.5	84.5	89.1	92.3	92.9	94.5	95.3	95.4	96.0	96.4	96.5	96.6	96.7	96.8	96.8
≥ 1500	50.4	80.7	84.9	89.7	93.1	93.7	95.5	96.4	96.5	97.1	97.5	97.6	97.7	97.7	97.9	97.9
≥ 1200	50.4	80.7	84.9	89.8	93.3	94.0	95.9	97.0	97.1	97.7	98.1	98.2	98.3	98.4	98.6	98.6
≥ 1000	50.4	80.7	84.9	89.8	93.4	94.2	96.2	97.3	97.4	98.0	98.6	98.7	98.8	98.9	99.0	99.0
≥ 900	50.4	80.7	84.9	89.8	93.4	94.2	96.2	97.3	97.4	98.0	98.6	98.7	98.8	98.9	99.0	99.0
≥ 800	50.4	80.7	84.9	89.8	93.4	94.2	96.2	97.3	97.5	98.1	98.7	98.8	98.9	99.0	99.2	99.2
≥ 700	50.4	80.7	85.0	90.0	93.5	94.3	96.3	97.5	97.7	98.3	98.9	99.0	99.2	99.2	99.4	99.4
≥ 600	50.4	80.7	85.1	90.0	93.6	94.4	96.4	97.7	97.8	98.5	99.1	99.2	99.3	99.4	99.6	99.6
≥ 500	50.4	80.7	85.1	90.0	93.7	94.5	96.5	97.8	98.0	98.6	99.3	99.4	99.5	99.6	99.8	99.8
≥ 400	50.4	80.7	85.1	90.0	93.7	94.5	96.5	97.8	98.0	98.6	99.3	99.5	99.6	99.7	99.9	99.9
≥ 300	50.4	80.7	85.1	90.0	93.7	94.5	96.5	97.8	98.0	98.6	99.3	99.5	99.6	99.7	99.9	99.9
≥ 200	50.4	80.7	85.1	90.0	93.7	94.5	96.5	97.8	98.0	98.6	99.3	99.5	99.6	99.7	99.9	99.9
≥ 100	50.4	80.7	85.1	90.0	93.7	94.5	96.5	97.8	98.0	98.6	99.3	99.5	99.6	99.7	99.9	99.9
≥ 0	50.4	80.7	85.1	90.0	93.7	94.5	96.5	97.8	98.0	98.6	99.3	99.5	99.6	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 1674

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

## CEILING VERSUS VISIBILITY

43310  
STATION

FUKUCKA KYUSHU JAPAN/ITAZUKE AB  
STATION NAME

47-64  
YEARS

JAN  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	15.9	20.9	21.2	21.2	21.2	21.2	21.2	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
≥ 20000	19.2	25.2	25.9	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.2	26.2	26.2	26.2	26.2	26.2
≥ 18000	19.4	25.7	26.4	26.6	26.6	26.6	26.7	26.7	26.7	26.7	26.8	26.8	26.8	26.8	26.8	26.8
≥ 16000	19.7	26.1	26.8	27.0	27.0	27.0	27.0	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1
≥ 14000	20.6	27.4	28.2	28.4	28.5	28.5	28.5	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6
≥ 12000	21.3	29.3	30.1	30.4	30.5	30.5	30.5	30.6	30.6	30.6	30.7	30.7	30.7	30.7	30.7	30.7
≥ 10000	21.9	31.1	32.1	32.9	33.3	33.4	33.5	33.5	33.5	33.5	33.6	33.6	33.6	33.6	33.6	33.6
≥ 9000	22.2	31.9	32.9	33.9	34.3	34.4	34.5	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7
≥ 8000	22.5	32.8	33.8	35.0	35.6	35.7	35.9	36.0	36.0	36.0	36.2	36.2	36.2	36.2	36.2	36.2
≥ 7000	22.8	33.5	34.8	36.0	36.9	37.0	37.2	37.4	37.4	37.5	37.7	37.7	37.7	37.7	37.7	37.7
≥ 6000	23.1	34.4	35.7	37.1	37.9	38.0	38.3	38.6	38.6	38.7	38.9	38.9	39.0	39.0	39.0	39.0
≥ 5000	24.4	37.0	38.8	40.2	41.2	41.4	41.7	42.0	42.0	42.1	42.3	42.3	42.4	42.4	42.4	42.4
≥ 4500	27.2	40.9	43.0	44.5	45.5	45.7	46.1	46.4	46.4	46.5	46.7	46.7	46.8	46.8	46.8	46.8
≥ 4000	29.0	57.6	60.5	62.4	64.0	64.1	64.6	65.1	65.1	65.2	65.5	65.5	65.6	65.6	65.6	65.6
≥ 3500	46.1	68.7	72.1	74.2	76.4	76.8	77.6	78.3	78.3	78.5	78.8	78.8	78.9	78.9	78.9	78.9
≥ 3000	48.7	74.4	78.5	81.2	83.7	84.3	85.2	86.1	86.1	86.5	86.8	86.8	86.9	86.9	86.9	86.9
≥ 2500	49.6	77.6	82.4	85.6	88.3	88.9	89.9	91.0	91.0	91.4	91.8	91.8	91.9	91.9	91.9	91.9
≥ 2000	50.0	78.6	84.1	88.0	91.1	91.8	93.3	94.6	94.6	95.0	95.5	95.5	95.6	95.6	95.6	95.6
≥ 1800	50.0	78.6	84.1	88.2	91.3	91.9	93.5	94.7	94.8	95.2	95.8	95.8	95.9	96.0	96.0	96.0
≥ 1500	50.0	78.8	84.5	89.1	92.3	93.0	94.6	96.2	96.3	96.8	97.5	97.5	97.8	97.8	97.8	97.8
≥ 1200	50.0	79.1	84.9	89.7	92.9	93.7	95.3	97.1	97.1	97.8	98.4	98.5	98.8	98.9	98.9	98.9
≥ 1000	50.0	79.1	85.1	89.8	93.1	93.8	95.5	97.2	97.3	98.0	98.7	98.8	99.2	99.2	99.2	99.2
≥ 900	50.0	79.1	85.1	89.8	93.1	93.8	95.5	97.3	97.3	98.0	98.7	98.8	99.2	99.2	99.2	99.3
≥ 800	50.0	79.1	85.1	89.8	93.2	93.9	95.6	97.4	97.5	98.2	98.9	99.0	99.3	99.4	99.4	99.5
≥ 700	50.0	79.2	85.2	90.0	93.3	94.0	95.8	97.6	97.7	98.4	99.1	99.2	99.5	99.6	99.6	99.6
≥ 600	50.0	79.2	85.2	90.0	93.3	94.0	95.8	97.6	97.7	98.4	99.2	99.3	99.6	99.7	99.7	99.8
≥ 500	50.0	79.2	85.2	90.0	93.4	94.1	96.0	97.8	97.8	98.6	99.4	99.5	99.9	99.9	99.9	100.0
≥ 400	50.0	79.2	85.2	90.0	93.4	94.1	96.0	97.8	97.8	98.6	99.4	99.5	99.9	99.9	99.9	100.0
≥ 300	50.0	79.2	85.2	90.0	93.4	94.1	96.0	97.8	97.8	98.6	99.4	99.5	99.9	99.9	99.9	100.0
≥ 200	50.0	79.2	85.2	90.0	93.4	94.1	96.0	97.8	97.8	98.6	99.4	99.5	99.9	99.9	99.9	100.0
≥ 100	50.0	79.2	85.2	90.0	93.4	94.1	96.0	97.8	97.8	98.6	99.4	99.5	99.9	99.9	99.9	100.0
≥ 0	50.0	79.2	85.2	90.0	93.4	94.1	96.0	97.8	97.8	98.6	99.4	99.5	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 1673

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

## CEILING VERSUS VISIBILITY

43310  
STATION

FUKUOKA KYUSHU JAPAN/ITAZUKE AB  
STATION NAME

47-64  
YEARS

JAN  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1800-2000  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	4.5	15.7	19.2	22.1	24.3	24.9	25.5	25.9	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0
≥ 20000	5.0	17.3	21.0	24.4	27.1	27.8	28.9	29.3	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5
≥ 18000	5.0	17.3	21.0	24.5	27.2	28.0	29.0	29.5	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6
≥ 16000	5.0	17.4	21.3	24.8	27.6	28.3	29.4	29.8	29.9	29.9	30.0	30.0	30.0	30.0	30.0	30.0
≥ 14000	5.1	18.0	21.9	25.4	28.3	29.2	30.4	30.8	30.9	30.9	31.0	31.0	31.0	31.0	31.0	31.0
≥ 12000	5.4	19.2	23.2	27.0	29.9	30.8	32.1	32.6	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7
≥ 10000	5.7	20.3	24.7	28.9	32.0	33.0	34.6	35.1	35.2	35.2	35.3	35.3	35.3	35.3	35.3	35.3
≥ 9000	5.8	20.8	25.3	29.5	32.8	34.0	35.7	36.4	36.5	36.7	36.7	36.7	36.7	36.7	36.7	36.7
≥ 8000	6.2	21.8	26.6	31.0	34.3	35.5	37.3	38.1	38.2	38.4	38.5	38.7	38.7	38.7	38.7	38.7
≥ 7000	6.4	22.3	27.2	31.8	35.3	36.7	38.7	39.5	39.7	40.0	40.1	40.3	40.4	40.4	40.4	40.4
≥ 6000	6.7	22.7	27.7	32.6	36.2	37.6	39.7	40.4	40.6	41.1	41.2	41.4	41.5	41.5	41.5	41.5
≥ 5000	8.4	25.9	31.2	36.7	40.9	42.5	44.7	45.7	45.9	46.4	46.5	46.7	46.9	47.0	47.0	47.0
≥ 4500	9.5	29.6	35.2	41.1	45.5	47.1	49.5	50.4	50.6	51.1	51.2	51.4	51.6	51.7	51.7	51.7
≥ 4000	15.8	43.1	49.8	56.6	61.5	63.6	66.1	67.1	67.3	67.9	68.0	68.3	68.5	68.5	68.5	68.5
≥ 3500	18.9	51.7	59.4	66.6	72.0	74.6	77.4	78.6	78.8	79.4	79.5	79.7	79.9	80.0	80.0	80.0
≥ 3000	20.5	56.5	65.1	73.4	79.2	82.0	85.2	86.7	86.9	87.5	87.6	87.9	88.1	88.1	88.2	88.2
≥ 2500	20.8	59.5	69.0	78.0	83.9	86.7	90.1	91.9	92.1	92.7	92.8	93.1	93.4	93.4	93.5	93.5
≥ 2000	20.9	60.0	70.0	79.4	85.5	88.4	92.5	94.3	94.5	95.5	95.6	95.8	96.2	96.3	96.4	96.4
≥ 1800	20.9	60.1	70.1	79.6	85.6	88.8	92.8	94.6	94.9	95.8	95.9	96.2	96.6	96.7	96.7	96.7
≥ 1500	20.9	60.1	70.1	79.9	86.4	89.5	93.7	95.6	95.9	96.8	97.0	97.2	97.6	97.7	97.7	97.7
≥ 1200	20.9	60.2	70.3	80.1	86.6	89.8	94.0	95.9	96.2	97.1	97.4	97.7	98.1	98.1	98.2	98.2
≥ 1000	20.9	60.3	70.5	80.4	87.1	90.3	94.5	96.6	96.8	97.8	98.2	98.5	99.0	99.0	99.1	99.2
≥ 900	20.9	60.3	70.5	80.5	87.2	90.3	94.6	96.7	96.9	97.8	98.3	98.6	99.0	99.1	99.2	99.2
≥ 800	20.9	60.3	70.6	80.5	87.3	90.4	94.7	96.8	97.0	98.0	98.4	98.7	99.2	99.2	99.3	99.3
≥ 700	20.9	60.3	70.6	80.5	87.3	90.5	94.7	97.0	97.2	98.2	98.7	99.0	99.5	99.5	99.6	99.6
≥ 600	20.9	60.3	70.6	80.5	87.3	90.6	94.8	97.1	97.3	98.3	98.8	99.1	99.6	99.6	99.7	99.8
≥ 500	20.9	60.3	70.6	80.5	87.3	90.6	94.8	97.1	97.3	98.3	98.9	99.2	99.6	99.7	99.8	99.8
≥ 400	20.9	60.3	70.6	80.5	87.3	90.6	94.8	97.1	97.3	98.4	99.0	99.3	99.8	99.8	99.9	99.9
≥ 300	20.9	60.3	70.6	80.5	87.3	90.6	94.8	97.1	97.3	98.4	99.0	99.3	99.8	99.8	99.9	100.0
≥ 200	20.9	60.3	70.6	80.5	87.3	90.6	94.8	97.1	97.3	98.4	99.0	99.3	99.8	99.8	99.9	100.0
≥ 100	20.9	60.3	70.6	80.5	87.3	90.6	94.8	97.1	97.3	98.4	99.0	99.3	99.8	99.8	99.9	100.0
≥ 0	20.9	60.3	70.6	80.5	87.3	90.6	94.8	97.1	97.3	98.4	99.0	99.3	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 1674

210WS FORM JUL 64 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

## CEILING VERSUS VISIBILITY

43310  
STATION

FUKUOKA KYUSHU JAPAN/ITAZUKE AB  
STATION NAME

47-64  
YEARS

JAN  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	5.7	19.4	23.0	26.8	29.3	30.0	30.3	30.6	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8
≥ 20000	5.9	20.8	24.7	28.8	31.5	32.4	32.9	33.2	33.4	33.5	33.5	33.5	33.5	33.5	33.5	33.5
≥ 18000	5.9	20.8	24.7	28.8	31.5	32.4	32.9	33.2	33.4	33.5	33.5	33.5	33.5	33.5	33.5	33.5
≥ 16000	5.9	21.0	24.9	29.1	31.8	32.7	33.2	33.5	33.7	33.8	33.8	33.8	33.8	33.8	33.8	33.8
≥ 14000	5.9	21.6	25.6	29.9	32.7	33.7	34.2	34.5	34.7	34.8	34.8	34.8	34.8	34.8	34.8	34.8
≥ 12000	6.3	22.8	27.1	31.7	34.4	35.4	36.0	36.3	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5
≥ 10000	6.3	23.6	27.8	33.3	36.2	37.2	37.9	38.2	38.4	38.5	38.5	38.5	38.5	38.5	38.5	38.5
≥ 9000	6.4	23.7	28.2	33.7	36.7	37.8	38.6	38.9	39.0	39.2	39.2	39.2	39.2	39.2	39.2	39.2
≥ 8000	6.8	24.6	29.3	35.0	38.1	39.3	40.0	40.3	40.5	40.7	40.7	40.7	40.7	40.7	40.7	40.7
≥ 7000	6.9	25.6	30.4	36.3	39.7	40.8	41.7	42.0	42.3	42.4	42.4	42.4	42.4	42.4	42.4	42.4
≥ 6000	7.4	26.4	31.4	38.1	41.7	42.9	43.8	44.1	44.4	44.6	44.7	44.7	44.7	44.7	44.7	44.7
≥ 5000	9.0	30.6	35.9	43.0	46.9	48.2	49.1	49.6	49.9	50.1	50.2	50.2	50.2	50.2	50.2	50.2
≥ 4500	11.8	37.0	42.4	49.9	54.2	55.5	56.6	57.1	57.4	57.6	57.7	57.9	57.9	57.9	57.9	57.9
≥ 4000	16.4	50.1	56.2	64.4	69.4	71.0	72.2	72.7	73.0	73.2	73.4	73.5	73.5	73.5	73.5	73.5
≥ 3500	17.8	57.9	64.6	73.7	79.2	80.9	82.1	82.7	83.0	83.1	83.3	83.4	83.4	83.4	83.4	83.4
≥ 3000	18.5	61.9	69.0	79.1	85.3	87.0	88.5	89.0	89.3	89.5	89.7	89.8	89.8	89.8	89.8	89.8
≥ 2500	18.9	64.6	72.4	83.1	89.6	91.5	93.1	93.7	94.0	94.1	94.3	94.4	94.4	94.4	94.4	94.4
≥ 2000	19.1	65.5	73.6	84.6	91.6	93.5	95.1	95.8	96.1	96.5	96.7	96.8	96.8	96.8	96.8	96.8
≥ 1800	19.2	65.5	73.7	84.8	91.8	93.7	95.3	96.1	96.4	96.8	97.1	97.2	97.2	97.2	97.2	97.2
≥ 1500	19.2	65.7	74.1	85.3	92.5	94.4	96.3	97.1	97.4	97.9	98.1	98.3	98.3	98.3	98.3	98.3
≥ 1200	19.3	65.8	74.2	85.6	92.8	94.8	96.8	97.7	98.0	98.4	98.7	98.8	98.8	98.8	98.8	98.8
≥ 1000	19.3	65.8	74.2	85.6	92.8	95.0	97.1	98.1	98.4	98.9	99.2	99.3	99.3	99.3	99.3	99.3
≥ 900	19.3	65.8	74.2	85.8	93.0	95.2	97.3	98.3	98.6	99.1	99.3	99.5	99.5	99.5	99.5	99.5
≥ 800	19.3	65.8	74.2	85.8	93.1	95.3	97.3	98.4	98.7	99.2	99.5	99.6	99.6	99.6	99.6	99.6
≥ 700	19.3	65.8	74.2	85.9	93.1	95.3	97.4	98.4	98.7	99.3	99.6	99.8	99.8	99.8	99.8	99.8
≥ 600	19.3	65.8	74.2	85.9	93.1	95.3	97.4	98.4	98.7	99.3	99.6	99.8	99.9	99.9	99.9	99.9
≥ 500	19.3	65.8	74.2	85.9	93.1	95.3	97.4	98.4	98.7	99.3	99.6	99.8	99.9	99.9	99.9	99.9
≥ 400	19.3	65.8	74.2	85.9	93.1	95.3	97.4	98.4	98.7	99.3	99.6	99.8	99.9	99.9	99.9	99.9
≥ 300	19.3	65.8	74.2	85.9	93.1	95.3	97.4	98.4	98.7	99.3	99.6	99.8	99.9	99.9	99.9	100.0
≥ 200	19.3	65.8	74.2	85.9	93.1	95.3	97.4	98.4	98.7	99.3	99.6	99.8	99.9	99.9	99.9	100.0
≥ 100	19.3	65.8	74.2	85.9	93.1	95.3	97.4	98.4	98.7	99.3	99.6	99.8	99.9	99.9	99.9	100.0
≥ 0	19.3	65.8	74.2	85.9	93.1	95.3	97.4	98.4	98.7	99.3	99.6	99.8	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 1673

1210WS FORM 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUL 64

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

# CEILING VERSUS VISIBILITY

43310  
STATION

FUKUOKA KYUSHU JAPAN/ITAZUKE AB  
STATION NAME

48-64  
YEARS

FEB  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0000-220  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	6.2	26.7	30.5	33.8	35.3	35.8	36.0	36.2	36.2	36.2	36.2	36.2	36.2	36.3	36.3	36.4
≥ 20000	6.5	29.6	33.7	38.0	39.4	40.1	40.5	40.8	40.8	40.8	40.8	40.8	40.8	40.9	40.9	41.0
≥ 18000	6.5	29.8	34.3	38.6	40.1	40.7	41.2	41.4	41.4	41.4	41.4	41.4	41.4	41.5	41.5	41.6
≥ 16000	6.5	30.1	34.6	38.9	40.4	41.1	41.5	41.8	41.8	41.8	41.8	41.8	41.8	41.9	41.9	41.9
≥ 14000	6.5	30.4	34.9	39.3	40.8	41.5	41.9	42.2	42.2	42.2	42.2	42.2	42.2	42.3	42.3	42.3
≥ 12000	6.7	31.7	36.5	41.0	42.7	43.4	43.8	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.2
≥ 10000	6.9	33.3	38.5	43.6	45.5	46.2	46.6	46.8	46.8	46.8	46.8	46.8	46.8	46.9	46.9	47.0
≥ 9000	6.9	33.7	39.1	44.3	46.2	46.9	47.3	47.6	47.6	47.6	47.6	47.6	47.6	47.7	47.7	47.7
≥ 8000	7.1	34.3	40.0	45.3	47.5	48.2	48.6	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	49.0
≥ 7000	7.1	34.8	40.7	46.6	48.7	49.5	50.0	50.3	50.3	50.3	50.3	50.3	50.3	50.4	50.4	50.5
≥ 6000	7.3	35.8	41.8	48.0	50.3	51.1	51.8	52.1	52.1	52.1	52.1	52.1	52.1	52.2	52.2	52.3
≥ 5000	9.0	41.4	47.7	54.1	56.6	57.5	58.2	58.5	58.5	58.5	58.5	58.5	58.5	58.6	58.6	58.7
≥ 4500	12.1	47.9	54.5	61.1	63.9	64.8	65.6	65.9	65.9	65.9	65.9	65.9	65.9	66.0	66.0	66.1
≥ 4000	14.7	55.5	62.9	70.4	73.9	74.9	75.9	76.2	76.2	76.2	76.2	76.2	76.2	76.3	76.3	76.4
≥ 3500	16.2	61.5	69.7	77.8	81.5	82.6	83.6	83.9	83.9	83.9	83.9	83.9	83.9	84.0	84.1	84.1
≥ 3000	16.8	64.7	73.4	82.0	86.3	87.5	88.7	89.1	89.1	89.1	89.1	89.3	89.3	89.4	89.5	89.5
≥ 2500	17.0	67.3	76.3	85.4	89.8	91.0	92.6	93.0	93.1	93.2	93.3	93.3	93.5	93.6	93.6	93.6
≥ 2000	17.0	68.3	77.4	86.8	91.5	92.7	94.4	94.9	95.1	95.3	95.4	95.4	95.6	95.6	95.6	95.7
≥ 1800	17.1	69.1	78.2	87.7	92.4	93.6	95.3	95.8	96.0	96.2	96.4	96.4	96.5	96.6	96.6	96.7
≥ 1500	17.1	69.4	78.7	88.3	93.1	94.2	96.0	96.6	96.9	97.0	97.2	97.2	97.4	97.4	97.4	97.5
≥ 1200	17.1	69.8	79.0	88.7	93.5	94.7	96.6	97.3	97.6	97.8	98.0	98.0	98.2	98.3	98.3	98.3
≥ 1000	17.1	69.9	79.1	88.8	93.6	94.9	97.0	97.9	98.1	98.3	98.6	98.6	98.9	99.0	99.0	99.0
≥ 900	17.1	69.9	79.1	88.8	93.6	94.9	97.0	97.9	98.2	98.4	98.7	98.7	99.0	99.0	99.0	99.1
≥ 800	17.1	69.9	79.2	89.1	93.8	95.2	97.4	98.3	98.5	98.8	99.0	99.0	99.3	99.4	99.4	99.4
≥ 700	17.1	69.9	79.2	89.1	93.8	95.2	97.4	98.3	98.5	98.8	99.0	99.0	99.3	99.4	99.4	99.4
≥ 600	17.1	69.9	79.2	89.1	93.8	95.2	97.4	98.3	98.5	98.8	99.0	99.0	99.3	99.4	99.4	99.4
≥ 500	17.1	69.9	79.2	89.1	93.8	95.2	97.4	98.3	98.6	98.9	99.2	99.2	99.4	99.5	99.5	99.6
≥ 400	17.1	69.9	79.2	89.1	93.8	95.2	97.5	98.4	98.8	99.0	99.3	99.3	99.6	99.7	99.7	99.7
≥ 300	17.1	69.9	79.2	89.1	93.8	95.2	97.6	98.5	98.8	99.1	99.4	99.4	99.7	99.7	99.7	99.8
≥ 200	17.1	69.9	79.2	89.1	93.8	95.2	97.6	98.5	98.8	99.1	99.4	99.4	99.7	99.7	99.7	99.8
≥ 100	17.1	69.9	79.2	89.1	93.8	95.2	97.6	98.5	98.8	99.1	99.4	99.4	99.7	99.7	99.7	99.8
≥ 0	17.1	69.9	79.2	89.1	93.8	95.2	97.6	98.5	98.8	99.2	99.4	99.4	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 1443

1210WS FORM 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUL 64

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

# CEILING VERSUS VISIBILITY

43310  
STATION

FUKUOKA KYUSHU JAPAN/ITAZUKE AB  
STATION NAME

48-64  
YEARS

Feb  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0300-0500  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	5.1	23.6	26.2	28.3	29.0	29.6	30.4	30.7	30.7	30.8	30.8	30.8	30.8	30.8	30.9	31.0
≥ 20000	5.6	26.1	29.4	32.2	33.3	34.0	35.0	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.5	35.6
≥ 18000	5.7	26.5	29.9	32.8	33.9	34.6	35.6	35.9	35.9	36.0	36.0	36.0	36.0	36.0	36.1	36.2
≥ 16000	5.8	26.6	30.3	33.3	34.4	35.1	36.1	36.4	36.4	36.5	36.5	36.5	36.5	36.5	36.6	36.7
≥ 14000	5.8	27.3	31.1	34.1	35.2	35.9	36.9	37.2	37.2	37.3	37.3	37.3	37.3	37.3	37.4	37.5
≥ 12000	6.4	29.0	33.0	36.3	37.5	38.3	39.3	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.8	39.8
≥ 10000	6.7	30.4	34.9	38.5	39.7	40.5	41.6	41.9	41.9	42.0	42.0	42.0	42.0	42.0	42.1	42.2
≥ 9000	6.7	30.8	35.2	38.9	40.4	41.2	42.4	42.7	42.7	42.8	42.8	42.8	42.8	42.8	42.9	43.0
≥ 8000	6.9	31.9	36.5	40.3	41.8	42.6	43.9	44.1	44.1	44.3	44.3	44.3	44.3	44.3	44.4	44.5
≥ 7000	6.9	32.4	37.3	41.6	43.1	44.1	45.4	45.7	45.7	45.8	45.8	45.8	45.8	45.8	45.9	46.0
≥ 6000	7.3	33.7	38.7	43.0	45.1	46.1	47.4	47.7	47.7	47.8	47.8	47.8	47.8	47.8	48.0	48.0
≥ 5000	8.7	38.3	43.7	48.8	50.3	51.5	52.8	53.1	53.1	53.2	53.2	53.2	53.2	53.2	53.4	53.4
≥ 4500	10.8	43.9	49.6	54.9	56.5	57.7	59.0	59.3	59.3	59.5	59.5	59.5	59.5	59.5	59.6	59.7
≥ 4000	14.6	55.9	62.5	68.6	70.6	71.9	73.3	73.5	73.5	73.7	73.7	73.7	73.7	73.7	73.8	73.9
≥ 3500	16.3	61.6	69.0	76.0	78.4	79.8	81.4	81.6	81.6	81.8	81.8	81.8	81.8	81.8	81.9	82.0
≥ 3000	17.0	65.3	73.5	80.8	84.1	85.6	87.2	87.6	87.6	87.8	87.9	87.9	87.9	87.9	88.0	88.1
≥ 2500	17.1	68.6	77.3	85.0	88.4	90.0	91.7	92.2	92.2	92.4	92.5	92.5	92.5	92.5	92.7	92.7
≥ 2000	17.1	69.8	79.0	86.8	90.6	92.3	94.2	95.1	95.1	95.6	95.7	95.7	95.7	95.7	95.8	95.9
≥ 1800	17.1	70.0	79.4	87.3	91.1	92.8	94.7	95.6	95.6	96.1	96.3	96.3	96.3	96.3	96.4	96.5
≥ 1500	17.1	70.5	80.3	88.4	92.2	93.9	95.8	96.7	96.7	97.2	97.4	97.4	97.4	97.4	97.6	97.6
≥ 1200	17.1	70.7	80.5	88.5	92.4	94.0	96.0	97.0	97.0	97.4	97.6	97.6	97.6	97.6	97.8	97.9
≥ 1000	17.1	70.7	80.5	88.6	92.5	94.2	96.5	97.5	97.5	98.0	98.2	98.2	98.2	98.2	98.3	98.4
≥ 900	17.1	70.7	80.5	88.6	92.5	94.2	96.6	97.6	97.6	98.1	98.3	98.3	98.3	98.3	98.4	98.5
≥ 800	17.1	70.7	80.5	88.6	92.6	94.3	96.7	97.8	97.8	98.3	98.5	98.5	98.5	98.6	98.8	98.8
≥ 700	17.1	70.7	80.5	88.6	92.6	94.3	96.7	97.8	97.8	98.3	98.5	98.5	98.6	98.6	98.8	98.8
≥ 600	17.1	70.7	80.5	88.6	92.6	94.3	96.7	97.9	97.9	98.3	98.5	98.6	98.8	98.8	98.9	99.0
≥ 500	17.1	70.7	80.5	88.6	92.6	94.3	96.7	97.9	97.9	98.5	98.8	98.9	99.1	99.1	99.2	99.3
≥ 400	17.1	70.7	80.5	88.6	92.7	94.4	96.8	98.0	98.0	98.5	99.0	99.0	99.2	99.2	99.4	99.4
≥ 300	17.1	70.7	80.5	88.6	92.7	94.4	96.8	98.1	98.1	98.6	99.0	99.1	99.4	99.4	99.5	99.6
≥ 200	17.1	70.7	80.5	88.6	92.7	94.4	96.8	98.1	98.1	98.7	99.2	99.2	99.5	99.5	99.7	99.8
≥ 100	17.1	70.7	80.5	88.6	92.7	94.4	96.8	98.1	98.1	98.7	99.2	99.3	99.6	99.6	99.8	99.9
≥ 0	17.1	70.7	80.5	88.6	92.7	94.4	96.8	98.1	98.1	98.8	99.3	99.4	99.7	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 1443

DATA PROCESSING DIVISION  
ETAC, USAF  
ASPEVILLE, N. C. 28801

# CEILING VERSUS VISIBILITY

4331C  
STATION

FUKUOKA KYUSHU JAPAN/ITAZUKE AB  
STATION NAME

48-64  
YEARS

FEU  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0600-0800  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	3.7	14.5	17.1	20.0	22.1	22.6	23.6	24.4	24.5	24.9	25.0	25.0	25.1	25.1	25.1	25.3
IV 20000	4.2	17.2	20.3	24.0	27.0	27.7	29.1	30.1	30.2	30.7	30.9	30.9	31.1	31.1	31.1	31.3
IV 18000	4.3	17.5	20.6	24.4	27.5	28.2	29.7	30.7	30.8	31.3	31.4	31.4	31.6	31.6	31.6	31.8
IV 16000	4.3	17.5	20.8	24.7	27.9	28.6	30.2	31.1	31.3	31.8	31.9	31.9	32.1	32.1	32.1	32.3
IV 14000	4.9	18.4	22.1	25.9	29.3	30.0	31.6	32.6	32.7	33.2	33.4	33.4	33.6	33.6	33.6	33.8
IV 12000	5.3	19.4	23.4	27.7	31.3	32.0	33.8	35.0	35.1	35.6	35.7	35.7	35.9	35.9	35.9	36.1
IV 10000	5.9	21.0	25.5	30.0	33.7	34.6	36.6	38.0	38.1	38.6	38.8	38.8	39.0	39.0	39.0	39.2
IV 9000	6.0	21.3	25.7	30.4	34.3	35.3	37.3	38.7	38.8	39.5	39.6	39.6	39.8	39.8	39.8	40.0
IV 8000	6.2	21.7	26.3	31.1	35.2	36.3	38.4	39.9	40.1	40.7	40.8	40.8	41.1	41.1	41.1	41.3
IV 7000	6.2	22.5	27.5	32.4	36.5	37.7	40.0	41.5	41.7	42.4	42.5	42.5	42.7	42.7	42.7	42.9
IV 6000	6.4	23.2	28.6	33.7	37.9	39.2	41.7	43.2	43.3	44.1	44.2	44.2	44.5	44.5	44.5	44.7
IV 5000	8.0	26.8	32.9	38.1	42.5	43.8	46.5	48.0	48.1	48.9	49.0	49.0	49.3	49.3	49.3	49.5
IV 4500	11.5	33.1	39.8	45.1	49.7	51.0	53.7	55.3	55.5	56.2	56.4	56.4	56.7	56.7	56.7	56.9
IV 4000	15.6	44.0	52.4	58.5	63.8	65.3	68.3	70.4	70.6	71.6	71.8	71.8	72.1	72.1	72.1	72.3
IV 3500	18.0	50.3	59.2	66.0	72.0	73.6	76.8	78.8	79.1	80.2	80.4	80.4	80.8	80.8	80.8	81.0
IV 3000	18.9	54.4	63.9	71.6	78.3	80.0	83.4	85.6	85.9	87.3	87.7	87.7	88.1	88.1	88.1	88.3
IV 2500	19.4	56.4	66.5	75.0	81.8	83.6	87.2	89.6	89.9	91.5	91.9	91.9	92.4	92.4	92.4	92.6
IV 2000	19.4	56.9	67.1	75.9	83.3	85.1	88.9	91.5	91.8	93.7	94.2	94.2	94.9	94.9	94.9	95.2
IV 1800	19.4	57.2	67.5	76.6	83.9	85.8	89.6	92.2	92.6	94.5	95.0	95.1	95.7	95.7	95.7	96.0
IV 1500	19.4	57.9	68.5	77.7	85.2	87.1	91.1	93.7	94.0	96.1	96.8	96.9	97.6	97.6	97.6	97.9
IV 1200	19.4	58.0	68.6	77.8	85.3	87.2	91.3	93.9	94.3	96.5	97.2	97.2	97.9	97.9	97.9	98.3
IV 1000	19.4	58.0	68.8	78.1	85.6	87.4	91.5	94.2	94.7	96.9	97.6	97.6	98.3	98.3	98.4	98.8
IV 900	19.4	58.0	68.8	78.2	85.7	87.6	91.7	94.4	94.9	97.0	97.7	97.8	98.5	98.5	98.5	98.9
IV 800	19.4	58.0	68.8	78.2	85.7	87.6	91.7	94.4	94.9	97.1	97.9	97.9	98.6	98.6	98.7	99.0
IV 700	19.4	58.0	68.8	78.2	85.8	87.7	91.7	94.6	95.1	97.3	98.1	98.1	98.8	98.8	98.9	99.2
IV 600	19.4	58.0	68.8	78.2	85.8	87.7	91.8	94.7	95.1	97.4	98.2	98.3	99.0	99.0	99.1	99.4
IV 500	19.4	58.0	68.8	78.2	85.8	87.7	91.8	94.7	95.1	97.4	98.5	98.5	99.3	99.3	99.4	99.7
IV 400	19.4	58.0	68.8	78.2	85.8	87.7	91.8	94.7	95.1	97.4	98.5	98.5	99.3	99.3	99.4	99.7
IV 300	19.4	58.0	68.8	78.2	85.8	87.7	91.8	94.7	95.2	97.5	98.5	98.6	99.4	99.4	99.4	99.8
IV 200	19.4	58.0	68.8	78.2	85.8	87.7	91.8	94.7	95.2	97.5	98.6	98.7	99.4	99.4	99.5	99.9
IV 100	19.4	58.0	68.8	78.2	85.8	87.7	91.8	94.7	95.2	97.5	98.6	98.7	99.4	99.4	99.5	99.9
IV 0	19.4	58.0	68.8	78.2	85.8	87.7	91.8	94.7	95.2	97.6	98.7	98.8	99.5	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 1442

1210WS FORM 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

## CEILING VERSUS VISIBILITY

43310 FUKUOKA KYUSHU JAPAN/ITAZUKE AB

48-64

Feb  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0900-1100  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	8.0	16.4	17.5	19.5	20.4	20.8	21.1	21.8	21.9	22.1	22.2	22.2	22.2	22.2	22.2	22.2
≥ 20000	9.7	21.1	22.9	26.2	27.3	27.9	28.5	29.4	29.5	29.8	30.0	30.1	30.1	30.1	30.1	30.1
≥ 18000	10.0	21.8	23.8	27.2	28.5	29.2	29.8	30.8	30.8	31.2	31.4	31.5	31.5	31.5	31.5	31.5
≥ 16000	10.3	22.4	24.3	27.9	29.1	29.9	30.6	31.5	31.6	32.1	32.3	32.4	32.4	32.4	32.4	32.4
≥ 14000	10.7	23.1	25.0	28.6	29.9	30.7	31.5	32.5	32.6	33.1	33.4	33.5	33.5	33.5	33.5	33.5
≥ 12000	10.9	24.1	26.2	30.2	31.7	32.6	33.5	34.7	34.9	35.6	35.9	36.0	36.0	36.0	36.0	36.0
≥ 10000	11.6	25.8	28.6	33.0	34.5	35.5	36.7	37.8	38.0	38.7	39.2	39.2	39.2	39.2	39.2	39.2
≥ 9000	12.1	26.7	29.6	34.0	35.7	36.7	37.9	39.2	39.3	40.1	40.5	40.6	40.6	40.6	40.6	40.6
≥ 8000	12.3	27.8	30.8	35.6	37.2	38.3	39.6	41.0	41.1	41.9	42.3	42.4	42.4	42.4	42.4	42.4
≥ 7000	12.3	28.8	31.7	36.7	38.5	39.7	41.1	42.7	42.8	43.6	44.1	44.1	44.1	44.1	44.1	44.1
≥ 6000	12.4	29.0	32.4	37.6	39.4	40.7	42.1	43.7	43.9	44.8	45.3	45.3	45.3	45.3	45.3	45.3
≥ 5000	14.4	33.2	36.8	42.1	44.1	45.6	47.1	48.6	48.9	49.9	50.5	50.6	50.7	50.7	50.7	50.7
≥ 4500	18.8	39.4	43.3	48.9	51.1	52.5	54.1	55.9	56.1	57.1	57.8	57.9	57.9	57.9	57.9	57.9
≥ 4000	25.4	51.1	55.6	61.6	64.7	66.3	68.3	70.3	70.7	71.9	72.6	72.6	72.7	72.7	72.7	72.7
≥ 3500	29.2	56.5	61.7	68.3	72.1	73.9	76.2	78.4	78.9	80.2	80.9	80.9	81.0	81.0	81.0	81.0
≥ 3000	31.3	61.2	67.0	74.0	78.1	80.2	82.7	85.1	85.7	87.0	87.8	87.9	88.1	88.1	88.1	88.1
≥ 2500	31.9	62.9	69.2	76.8	81.1	83.4	85.9	88.6	89.1	90.7	91.5	91.6	92.1	92.1	92.1	92.1
≥ 2000	31.9	63.7	70.1	77.8	82.3	84.6	87.4	90.2	90.9	92.7	93.7	93.8	94.3	94.3	94.3	94.3
≥ 1800	31.9	64.0	70.5	78.3	83.0	85.4	88.1	91.1	91.9	93.7	94.7	94.9	95.4	95.4	95.4	95.4
≥ 1500	31.9	64.4	71.1	79.2	84.1	86.4	89.2	92.1	93.0	94.9	96.0	96.2	96.8	96.9	96.9	96.9
≥ 1200	31.9	64.4	71.2	79.6	84.4	86.8	89.7	92.8	93.7	95.7	97.0	97.1	97.8	97.9	97.9	97.9
≥ 1000	31.9	64.4	71.4	79.7	84.5	87.0	90.0	93.1	94.0	96.1	97.4	97.5	98.3	98.5	98.5	98.5
≥ 900	31.9	64.4	71.4	79.7	84.5	87.0	90.0	93.1	94.0	96.1	97.4	97.5	98.3	98.5	98.5	98.5
≥ 800	31.9	64.4	71.4	79.7	84.5	87.0	90.0	93.1	94.0	96.1	97.4	97.5	98.3	98.5	98.5	98.5
≥ 700	31.9	64.5	71.4	79.8	84.6	87.0	90.1	93.2	94.1	96.3	97.6	97.8	98.6	98.8	98.8	98.8
≥ 600	31.9	64.5	71.4	79.8	84.6	87.0	90.1	93.3	94.2	96.5	97.9	98.0	98.8	99.0	99.0	99.0
≥ 500	31.9	64.5	71.4	79.8	84.6	87.0	90.1	93.3	94.2	96.6	98.1	98.2	99.1	99.2	99.2	99.2
≥ 400	31.9	64.5	71.4	79.8	84.6	87.0	90.1	93.3	94.2	96.7	98.1	98.3	99.2	99.4	99.4	99.4
≥ 300	31.9	64.5	71.4	79.8	84.6	87.0	90.1	93.3	94.2	96.7	98.1	98.3	99.3	99.5	99.6	99.7
≥ 200	31.9	64.5	71.4	79.8	84.6	87.0	90.1	93.3	94.2	96.7	98.1	98.3	99.4	99.6	99.7	99.8
≥ 100	31.9	64.5	71.4	79.8	84.6	87.0	90.1	93.3	94.2	96.7	98.1	98.3	99.4	99.6	99.7	99.8
≥ 0	31.9	64.5	71.4	79.8	84.6	87.0	90.1	93.3	94.3	96.9	98.3	98.5	99.6	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 1443

1210WS FORM 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUL 64

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

## CEILING VERSUS VISIBILITY

43310  
STATION

FUKUOKA KYUSHU JAPAN/ITAZUKE AB  
STATION NAME

48-64  
YEARS

FEB  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	17.3	23.3	24.0	24.3	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4
IV 20000	22.0	30.3	31.6	32.3	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4
IV 18000	22.7	31.0	32.4	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1
IV 16000	22.9	32.0	33.3	34.1	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
IV 14000	24.1	34.1	35.6	36.3	36.6	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7
IV 12000	25.2	36.6	38.1	39.0	39.3	39.4	39.7	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8
IV 10000	26.0	38.8	40.5	41.6	42.1	42.3	42.6	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
IV 9000	26.0	39.1	40.7	42.1	42.6	43.0	43.2	43.4	43.4	43.5	43.5	43.5	43.5	43.5	43.5	43.5
IV 8000	26.5	40.3	42.3	43.9	44.6	45.0	45.3	45.4	45.4	45.5	45.5	45.5	45.5	45.5	45.5	45.5
IV 7000	26.7	41.2	43.2	45.1	46.0	46.4	46.7	46.9	46.9	47.0	47.0	47.0	47.0	47.0	47.0	47.0
IV 6000	27.0	42.3	44.4	46.6	47.5	48.0	48.4	48.6	48.6	48.7	48.7	48.7	48.7	48.7	48.7	48.7
IV 5000	29.3	45.7	48.1	50.3	51.4	51.8	52.3	52.7	52.7	52.8	52.8	52.8	52.8	52.8	52.8	52.8
IV 4500	34.0	51.9	54.4	56.7	57.8	58.4	58.9	59.3	59.3	59.4	59.5	59.5	59.5	59.5	59.5	59.5
IV 4000	43.2	63.8	66.9	69.5	70.8	71.4	72.0	72.4	72.4	72.5	72.6	72.6	72.6	72.6	72.6	72.6
IV 3500	48.8	71.1	74.6	77.9	79.5	80.2	80.9	81.4	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5
IV 3000	51.8	76.0	79.9	83.6	85.7	86.6	87.5	88.1	88.2	88.4	88.5	88.5	88.6	88.6	88.6	88.6
IV 2500	52.5	77.8	81.9	85.8	88.1	89.0	90.2	91.0	91.1	91.4	91.6	91.6	91.7	91.7	91.7	91.7
IV 2000	52.9	78.9	83.2	87.1	89.5	90.6	92.2	93.2	93.3	93.7	93.9	93.9	94.1	94.2	94.2	94.2
IV 1800	52.9	79.3	83.5	87.5	90.1	91.1	92.8	93.8	93.9	94.2	94.5	94.7	94.9	94.9	94.9	94.9
IV 1500	52.9	79.6	84.1	88.2	91.1	92.2	93.9	94.9	95.0	95.6	95.9	96.0	96.3	96.3	96.4	96.4
IV 1200	52.9	79.7	84.1	88.4	91.2	92.4	94.2	95.3	95.4	96.0	96.5	96.6	96.9	97.0	97.0	97.0
IV 1000	52.9	79.7	84.1	88.4	91.3	92.5	94.3	95.5	95.6	96.3	96.7	96.9	97.2	97.2	97.4	97.5
IV 900	52.9	79.7	84.1	88.4	91.3	92.6	94.4	95.6	95.7	96.4	96.8	97.0	97.2	97.3	97.4	97.6
IV 800	52.9	79.8	84.3	88.5	91.4	92.7	94.5	95.8	95.9	96.6	97.0	97.2	97.4	97.5	97.6	97.8
IV 700	52.9	79.8	84.3	88.5	91.4	92.8	94.7	95.9	96.0	96.8	97.3	97.4	97.7	97.8	97.9	98.1
IV 600	52.9	79.8	84.3	88.5	91.4	92.9	94.7	96.0	96.3	97.1	97.7	97.9	98.1	98.2	98.3	98.5
IV 500	52.9	79.8	84.3	88.6	91.5	92.9	94.9	96.3	96.5	97.4	98.1	98.3	98.8	98.8	99.0	99.2
IV 400	52.9	79.8	84.3	88.6	91.5	92.9	94.9	96.3	96.5	97.4	98.3	98.5	99.0	99.0	99.3	99.5
IV 300	52.9	79.8	84.3	88.6	91.5	92.9	94.9	96.3	96.5	97.4	98.3	98.5	99.2	99.3	99.6	99.8
IV 200	52.9	79.8	84.3	88.6	91.5	92.9	94.9	96.3	96.5	97.4	98.3	98.5	99.3	99.4	99.7	99.9
IV 100	52.9	79.8	84.3	88.6	91.5	92.9	94.9	96.3	96.5	97.4	98.3	98.5	99.3	99.4	99.7	99.9
IV 0	52.9	79.8	84.3	88.6	91.5	92.9	94.9	96.3	96.5	97.5	98.5	98.6	99.4	99.5	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 1443

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

## CEILING VERSUS VISIBILITY

43310  
STATION

FUKUOKA KYUSHU JAPAN/ITAZUKE AB  
STATION NAME

48-64  
YEARS

FEB  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	21.2	26.4	27.0	27.3	27.5	27.5	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6
≥ 20000	27.2	34.9	36.0	36.5	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9
≥ 18000	27.4	35.2	36.2	36.8	37.3	37.3	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
≥ 16000	27.4	35.2	36.2	36.8	37.3	37.3	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
≥ 14000	28.3	36.9	38.4	38.9	39.5	39.5	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6
≥ 12000	30.1	39.9	41.6	42.3	43.1	43.3	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4
≥ 10000	31.5	42.6	44.9	45.7	46.6	47.0	47.1	47.1	47.1	47.1	47.2	47.2	47.2	47.2	47.2	47.2
≥ 9000	31.7	43.2	45.7	46.5	47.4	47.8	47.9	47.9	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
≥ 8000	32.0	44.4	46.9	48.0	48.9	49.3	49.5	49.5	49.5	49.5	49.6	49.6	49.6	49.6	49.6	49.6
≥ 7000	32.2	45.3	48.1	49.3	50.5	51.0	51.3	51.4	51.4	51.4	51.5	51.5	51.5	51.5	51.5	51.5
≥ 6000	32.5	45.9	48.8	50.5	51.7	52.3	52.6	52.7	52.7	52.7	52.8	52.8	52.8	52.8	52.8	52.8
≥ 5000	34.2	48.1	51.3	53.1	54.5	55.2	55.7	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 4500	38.0	52.7	56.0	57.9	59.5	60.3	61.0	61.5	61.5	61.5	61.6	61.6	61.6	61.6	61.6	61.6
≥ 4000	46.1	64.5	68.3	70.3	71.9	72.8	73.5	74.0	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2
≥ 3500	51.1	71.8	76.0	78.3	80.0	80.9	81.8	82.4	82.6	82.7	82.7	82.7	82.8	82.8	82.8	82.8
≥ 3000	53.6	75.9	80.3	83.1	85.1	86.1	87.1	87.9	88.1	88.4	88.5	88.5	88.7	88.7	88.7	88.7
≥ 2500	54.5	78.8	83.8	86.9	89.4	90.7	92.4	93.7	94.0	94.3	94.5	94.5	94.7	94.7	94.7	94.7
≥ 2000	54.5	78.8	83.8	86.9	89.4	90.7	92.4	93.7	94.0	94.3	94.5	94.5	94.7	94.7	94.7	94.7
≥ 1800	54.5	78.9	84.0	87.2	90.0	91.3	93.1	94.4	94.7	95.0	95.1	95.1	95.4	95.4	95.5	95.5
≥ 1500	54.5	79.2	84.3	87.8	90.8	92.3	94.1	95.4	95.6	96.2	96.4	96.4	96.7	96.7	96.8	96.8
≥ 1200	54.5	79.2	84.4	87.9	90.9	92.4	94.2	95.6	95.9	96.5	96.7	96.7	97.0	97.0	97.1	97.1
≥ 1000	54.5	79.2	84.5	88.0	91.1	92.6	94.5	96.0	96.3	97.0	97.2	97.2	97.6	97.6	97.8	97.9
≥ 900	54.5	79.2	84.5	88.0	91.1	92.6	94.5	96.0	96.3	97.0	97.2	97.2	97.6	97.6	97.8	97.9
≥ 800	54.5	79.2	84.5	88.1	91.3	92.8	94.8	96.3	96.6	97.5	97.7	97.7	98.3	98.3	98.4	98.5
≥ 700	54.5	79.2	84.5	88.1	91.3	92.9	94.9	96.6	97.0	97.9	98.1	98.1	98.7	98.7	98.8	99.1
≥ 600	54.5	79.2	84.5	88.2	91.4	93.1	95.1	96.9	97.2	98.2	98.4	98.4	99.0	99.0	99.1	99.2
≥ 500	54.5	79.2	84.5	88.2	91.4	93.1	95.1	96.9	97.2	98.2	98.5	98.5	99.2	99.2	99.4	99.5
≥ 400	54.5	79.2	84.5	88.2	91.4	93.1	95.1	96.9	97.2	98.3	98.6	98.6	99.4	99.4	99.5	99.7
≥ 300	54.5	79.2	84.5	88.2	91.4	93.1	95.1	96.9	97.2	98.3	98.6	98.7	99.5	99.6	99.7	99.9
≥ 200	54.5	79.2	84.5	88.2	91.4	93.1	95.1	96.9	97.2	98.3	98.7	98.8	99.6	99.7	99.8	99.9
≥ 100	54.5	79.2	84.5	88.2	91.4	93.1	95.1	96.9	97.2	98.3	98.7	98.8	99.6	99.7	99.8	99.9
≥ 0	54.5	79.2	84.5	88.2	91.4	93.1	95.1	96.9	97.2	98.3	98.7	98.8	99.6	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 1443

1210WS FORM 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUL 64

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

## CEILING VERSUS VISIBILITY

43310  
STATION

FUKUGKA KYUSHU JAPAN/ITAZUKE AB  
STATION NAME

48-64  
YEARS

FLW  
MONTH

1800-2000  
HOURS (LST)

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	9.7	20.8	24.3	28.6	30.8	31.7	32.7	33.1	33.1	33.2	33.2	33.2	33.2	33.2	33.2	33.2
≥ 20000	11.6	25.6	30.2	35.1	37.6	38.8	39.9	40.6	40.6	40.7	41.0	41.0	41.0	41.0	41.0	41.0
≥ 18000	11.6	25.8	30.7	35.6	38.2	39.4	40.6	41.4	41.4	41.6	41.9	41.9	41.9	41.9	41.9	41.9
≥ 16000	11.6	26.0	30.9	35.8	38.4	39.6	40.8	41.6	41.6	41.8	42.1	42.1	42.1	42.1	42.1	42.1
≥ 14000	11.6	26.6	31.7	36.7	39.5	40.7	42.1	42.8	42.8	43.0	43.4	43.4	43.4	43.4	43.4	43.4
≥ 12000	12.2	28.0	33.5	38.6	41.6	42.8	44.2	45.0	45.0	45.2	45.5	45.5	45.5	45.5	45.5	45.5
≥ 10000	12.8	29.6	35.3	41.0	44.1	45.4	47.1	47.9	47.9	48.2	48.6	48.6	48.6	48.6	48.6	48.6
≥ 9000	13.0	30.2	35.9	41.7	44.8	46.2	47.9	48.6	48.6	48.9	49.3	49.3	49.3	49.3	49.3	49.3
≥ 8000	13.0	30.8	37.0	43.0	46.3	47.7	49.6	50.5	50.5	50.9	51.3	51.3	51.3	51.3	51.3	51.3
≥ 7000	13.0	31.3	37.8	44.0	47.3	48.7	50.8	52.0	52.0	52.3	52.9	52.9	52.9	52.9	52.9	52.9
≥ 6000	13.3	31.7	38.5	45.0	48.4	49.8	52.2	53.4	53.4	53.7	54.3	54.3	54.3	54.3	54.3	54.3
≥ 5000	14.7	34.7	42.1	48.9	52.5	54.0	56.7	57.9	57.9	58.3	58.8	58.8	58.8	58.8	58.8	58.8
≥ 4500	16.4	37.8	45.8	52.9	56.9	58.4	61.1	62.4	62.4	62.8	63.3	63.3	63.3	63.3	63.3	63.3
≥ 4000	20.2	45.8	54.5	62.0	66.5	68.0	70.9	72.2	72.2	72.6	73.1	73.1	73.1	73.1	73.1	73.1
≥ 3500	23.0	53.0	62.3	70.5	75.2	76.8	79.9	81.3	81.4	81.8	82.4	82.4	82.4	82.4	82.4	82.4
≥ 3000	24.1	56.2	65.6	74.6	79.8	81.4	84.8	86.3	86.3	87.1	87.9	87.9	88.1	88.1	88.1	88.1
≥ 2500	24.3	57.8	67.5	76.7	82.1	83.9	87.7	89.4	89.5	90.4	91.3	91.3	91.4	91.4	91.4	91.4
≥ 2000	24.4	58.8	69.0	78.9	84.5	86.5	90.6	92.7	92.9	94.0	94.8	94.8	94.9	94.9	94.9	94.9
≥ 1800	24.4	59.0	69.2	79.1	85.0	87.0	91.3	93.5	93.6	94.7	95.6	95.6	95.7	95.7	95.7	95.7
≥ 1500	24.4	59.2	69.5	79.5	85.6	87.7	92.3	94.6	94.7	95.9	96.7	96.7	97.0	97.0	97.0	97.0
≥ 1200	24.4	59.3	69.7	79.8	86.0	88.1	92.9	95.2	95.5	96.7	97.6	97.6	97.9	97.9	97.9	97.9
≥ 1000	24.4	59.5	69.9	80.0	86.1	88.3	93.3	95.6	95.8	97.4	98.3	98.3	98.7	98.7	98.7	98.7
≥ 900	24.4	59.5	69.9	80.0	86.2	88.4	93.3	95.6	95.9	97.4	98.4	98.4	98.8	98.8	98.8	98.8
≥ 800	24.4	59.5	69.9	80.0	86.2	88.4	93.3	95.6	95.9	97.5	98.5	98.5	98.8	98.8	99.0	99.0
≥ 700	24.4	59.5	69.9	80.2	86.3	88.6	93.6	95.8	96.1	97.8	98.8	98.8	99.1	99.1	99.2	99.2
≥ 600	24.4	59.5	69.9	80.2	86.3	88.6	93.6	95.8	96.1	97.8	98.8	98.8	99.2	99.2	99.3	99.3
≥ 500	24.4	59.5	69.9	80.2	86.3	88.6	93.6	95.9	96.2	97.9	99.0	99.0	99.4	99.4	99.6	99.6
≥ 400	24.4	59.5	69.9	80.2	86.3	88.6	93.6	96.0	96.3	98.0	99.1	99.1	99.5	99.5	99.7	99.7
≥ 300	24.4	59.5	69.9	80.2	86.3	88.6	93.6	96.0	96.3	98.0	99.1	99.2	99.6	99.7	99.8	100.0
≥ 200	24.4	59.5	69.9	80.2	86.3	88.6	93.6	96.0	96.3	98.0	99.1	99.2	99.6	99.7	99.8	100.0
≥ 100	24.4	59.5	69.9	80.2	86.3	88.6	93.6	96.0	96.3	98.0	99.1	99.2	99.6	99.7	99.8	100.0
≥ 0	24.4	59.5	69.9	80.2	86.3	88.6	93.6	96.0	96.3	98.0	99.1	99.2	99.6	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 1443

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

## CEILING VERSUS VISIBILITY

43310 FUKUOKA KYUSHU JAPAN/ITAZUKE AB 48-64

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	4.6	20.1	24.9	30.6	33.7	35.5	36.4	36.6	36.6	36.7	36.8	36.8	36.8	36.8	36.8	36.8
≥ 20000	5.1	23.4	28.6	35.5	38.9	41.0	42.0	42.2	42.2	42.3	42.4	42.4	42.4	42.4	42.4	42.4
≥ 18000	5.1	23.4	28.8	35.8	39.4	41.4	42.5	42.7	42.7	42.8	43.0	43.0	43.0	43.0	43.0	43.0
≥ 16000	5.1	23.5	28.9	35.9	39.4	41.4	42.6	42.8	42.8	42.8	43.0	43.0	43.0	43.0	43.0	43.0
≥ 14000	5.1	24.0	29.7	36.7	40.4	42.5	43.6	43.8	43.8	43.9	44.1	44.1	44.1	44.1	44.1	44.1
≥ 12000	5.3	25.7	31.7	38.9	42.7	44.8	45.9	46.1	46.1	46.2	46.4	46.4	46.4	46.4	46.4	46.4
≥ 10000	5.5	27.0	33.2	41.0	44.9	47.0	48.2	48.4	48.4	48.5	48.7	48.7	48.7	48.7	48.7	48.7
≥ 9000	5.6	27.7	33.9	41.8	45.8	47.9	49.1	49.4	49.4	49.5	49.7	49.7	49.7	49.7	49.7	49.7
≥ 8000	5.8	28.8	35.5	43.6	47.7	50.0	51.2	51.5	51.5	51.6	51.8	51.8	51.8	51.8	51.8	51.8
≥ 7000	6.0	29.6	36.5	44.6	48.8	51.1	52.5	52.9	52.9	53.0	53.2	53.2	53.2	53.2	53.2	53.2
≥ 6000	6.2	30.6	37.8	46.2	50.6	53.0	54.5	55.0	55.0	55.1	55.3	55.3	55.3	55.3	55.3	55.3
≥ 5000	8.2	34.8	42.6	51.4	56.1	58.6	60.2	61.0	61.0	61.1	61.3	61.3	61.3	61.3	61.3	1.3
≥ 4500	10.5	39.7	47.8	57.3	62.2	64.7	66.5	67.2	67.2	67.4	67.6	67.6	67.6	67.6	67.6	67.6
≥ 4000	13.1	46.7	55.6	65.9	71.1	73.7	75.4	76.2	76.2	76.3	76.5	76.5	76.5	76.5	76.5	76.5
≥ 3500	15.0	52.6	62.2	72.9	78.5	81.2	83.0	83.8	83.8	83.9	84.1	84.1	84.1	84.1	84.1	84.1
≥ 3000	16.0	55.6	65.8	77.2	83.0	85.6	87.6	88.7	88.7	88.8	89.3	89.3	89.3	89.3	89.3	89.3
≥ 2500	16.1	57.2	67.8	79.2	85.2	88.1	90.3	91.5	91.5	92.1	92.5	92.5	92.5	92.5	92.5	92.5
≥ 2000	16.1	58.4	69.0	81.2	87.3	90.3	92.7	94.1	94.2	94.8	95.2	95.2	95.2	95.2	95.2	95.2
≥ 1800	16.1	58.7	69.5	81.8	88.1	91.1	93.5	94.9	94.9	95.6	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1500	16.1	59.1	70.0	82.3	88.8	92.0	94.5	95.9	96.0	96.6	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1200	16.1	59.3	70.2	82.7	89.3	92.5	95.2	96.7	96.8	97.7	98.1	98.1	98.2	98.2	98.2	98.2
≥ 1000	16.1	59.5	70.5	83.1	89.7	93.0	95.8	97.3	97.4	98.5	99.0	99.0	99.0	99.0	99.0	99.0
≥ 900	16.1	59.5	70.5	83.1	89.8	93.1	95.9	97.4	97.5	98.7	99.1	99.1	99.2	99.2	99.2	99.2
≥ 800	16.1	59.5	70.5	83.1	89.8	93.1	95.9	97.4	97.6	98.8	99.2	99.2	99.3	99.3	99.3	99.3
≥ 700	16.1	59.5	70.5	83.1	89.9	93.1	96.0	97.5	97.6	98.8	99.2	99.2	99.4	99.4	99.4	99.4
≥ 600	16.1	59.5	70.5	83.1	89.9	93.1	96.0	97.6	97.7	98.9	99.4	99.4	99.5	99.5	99.5	99.5
≥ 500	16.1	59.5	70.5	83.1	89.9	93.2	96.1	97.6	97.9	99.0	99.5	99.5	99.7	99.7	99.7	99.7
≥ 400	16.1	59.5	70.5	83.1	89.9	93.3	96.2	97.7	97.9	99.1	99.6	99.6	99.7	99.7	99.7	99.9
≥ 300	16.1	59.5	70.5	83.1	89.9	93.3	96.2	97.7	97.9	99.1	99.6	99.6	99.8	99.8	99.8	99.9
≥ 200	16.1	59.5	70.5	83.1	89.9	93.3	96.2	97.7	97.9	99.2	99.7	99.7	99.9	99.9	99.9	100.0
≥ 100	16.1	59.5	70.5	83.1	89.9	93.3	96.2	97.7	97.9	99.2	99.7	99.7	99.9	99.9	99.9	100.0
≥ 0	16.1	59.5	70.5	83.1	89.9	93.3	96.2	97.7	97.9	99.2	99.7	99.7	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 1443

1210WS FORM JUL 64 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

## CEILING VERSUS VISIBILITY

43310 STATION FUKUOKA KYUSHU JAPAN/ITAZUKE AB 48-64 YEARS MAR NORTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0000-020  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	5.4	31.7	36.4	40.0	41.7	42.2	43.3	43.3	43.3	43.4	43.4	43.4	43.4	43.4	43.4	43.4
≥ 20000	5.9	35.0	40.5	44.7	46.6	47.1	48.3	48.3	48.3	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 18000	5.9	35.4	41.0	45.2	47.1	47.7	48.8	48.9	48.9	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 16000	5.9	35.7	41.4	45.9	47.8	48.3	49.5	49.5	49.5	49.6	49.6	49.6	49.6	49.6	49.6	49.6
≥ 14000	6.5	36.9	42.8	47.4	49.4	50.0	51.1	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
≥ 12000	6.6	38.0	44.3	49.2	51.2	51.8	52.9	53.0	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.1
≥ 10000	7.0	39.6	46.1	51.2	53.5	54.1	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 9000	7.3	40.2	46.7	51.9	54.1	54.8	56.0	56.0	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 8000	7.3	41.4	48.0	53.2	55.6	56.2	57.5	57.6	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 7000	7.5	42.5	49.3	54.5	57.1	57.9	59.2	59.3	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 6000	7.8	43.8	50.7	56.3	59.1	60.0	61.5	61.6	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 5000	8.9	46.9	54.0	60.2	63.1	64.1	65.8	65.9	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 4500	9.5	49.5	56.7	63.1	66.2	67.2	69.3	69.4	69.4	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 4000	11.7	56.7	64.3	70.8	74.1	75.3	77.4	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 3500	12.8	61.5	69.5	76.5	79.9	81.1	83.5	83.7	83.7	83.8	83.9	83.9	83.9	83.9	83.9	83.9
≥ 3000	13.5	64.6	73.2	80.5	84.2	85.4	87.9	88.0	88.0	88.2	88.2	88.2	88.3	88.3	88.3	88.3
≥ 2500	13.7	66.4	75.4	82.9	86.9	88.1	90.6	90.8	90.8	91.0	91.0	91.0	91.1	91.1	91.1	91.1
≥ 2000	13.7	68.4	77.7	85.6	90.2	91.5	94.1	94.3	94.3	94.5	94.6	94.6	94.7	94.7	94.7	94.7
≥ 1800	13.7	68.4	77.8	85.7	90.3	91.6	94.3	94.5	94.5	94.7	94.8	94.8	94.9	94.9	94.9	94.9
≥ 1500	13.7	68.7	78.4	86.6	91.3	92.7	95.5	95.9	95.9	96.1	96.2	96.2	96.3	96.3	96.3	96.3
≥ 1200	13.7	68.8	78.6	87.2	91.8	93.5	96.3	96.7	96.7	97.0	97.1	97.1	97.2	97.2	97.2	97.2
≥ 1000	13.7	69.0	78.8	87.6	92.3	93.9	96.8	97.2	97.2	97.5	97.7	97.7	97.8	97.8	97.8	97.8
≥ 900	13.7	69.1	78.9	87.7	92.4	94.1	97.0	97.4	97.4	97.7	97.8	97.8	98.0	98.0	98.0	98.0
≥ 800	13.7	69.2	79.0	87.9	92.6	94.3	97.2	97.7	97.7	98.1	98.2	98.2	98.4	98.4	98.4	98.4
≥ 700	13.7	69.3	79.2	88.1	92.9	94.6	97.5	98.0	98.0	98.5	98.7	98.7	98.8	98.8	98.8	98.8
≥ 600	13.7	69.3	79.2	88.2	93.0	94.8	97.7	98.3	98.3	98.9	99.1	99.1	99.2	99.2	99.2	99.2
≥ 500	13.7	69.3	79.2	88.2	93.0	94.8	97.8	98.6	98.6	99.2	99.4	99.4	99.6	99.6	99.6	99.6
≥ 400	13.7	69.3	79.3	88.4	93.2	95.0	98.1	98.9	98.9	99.6	99.7	99.7	99.9	99.9	99.9	99.9
≥ 300	13.7	69.3	79.3	88.4	93.3	95.1	98.2	99.0	99.0	99.6	99.8	99.8	100.0	100.0	100.0	100.0
≥ 200	13.7	69.3	79.3	88.4	93.3	95.1	98.2	99.0	99.0	99.6	99.8	99.8	100.0	100.0	100.0	100.0
≥ 100	13.7	69.3	79.3	88.4	93.3	95.1	98.2	99.0	99.0	99.6	99.8	99.8	100.0	100.0	100.0	100.0
≥ 0	13.7	69.3	79.3	88.4	93.3	95.1	98.2	99.0	99.0	99.6	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1581

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

## CEILING VERSUS VISIBILITY

43310 FUKUOKA KYUSHU JAPAN/ITAZUKA AB 48-64

MAR  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0300-0500  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	5.4	29.9	33.0	36.1	37.8	38.1	38.2	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3
IV 20000	5.6	33.4	37.6	41.2	42.9	43.3	43.5	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
IV 18000	5.6	33.6	38.0	41.6	43.3	43.6	43.8	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
IV 16000	5.6	34.0	38.6	42.7	44.5	44.8	45.2	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
IV 14000	6.1	35.7	40.5	44.6	46.5	46.9	47.2	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
IV 12000	6.1	36.8	42.4	46.7	48.6	49.1	49.5	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
IV 10000	6.3	38.4	44.4	49.0	51.0	51.5	52.1	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
IV 9000	6.5	38.6	44.7	49.4	51.4	51.9	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
IV 8000	6.5	39.9	46.2	50.9	53.0	53.4	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
IV 7000	6.6	41.2	47.6	52.4	54.7	55.2	55.7	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
IV 6000	6.8	42.8	49.3	54.2	56.9	57.4	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
IV 5000	7.7	47.2	54.3	59.8	62.6	63.4	64.0	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
IV 4500	8.6	50.5	57.9	63.7	66.5	67.4	68.3	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
IV 4000	10.6	57.4	65.0	71.2	74.3	75.2	76.2	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
IV 3500	11.8	62.2	70.3	77.0	80.5	81.3	82.4	82.7	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8
IV 3000	12.5	65.2	73.7	80.6	84.1	85.3	86.4	86.7	86.8	86.9	87.0	87.0	87.0	87.0	87.0	87.0
IV 2500	12.7	66.7	75.5	82.9	86.6	87.9	88.9	89.3	89.4	89.6	89.8	89.8	89.8	89.8	89.8	89.8
IV 2000	12.8	68.6	77.5	85.3	89.9	91.3	92.7	93.2	93.3	93.5	93.8	93.8	93.8	93.8	93.8	93.8
IV 1800	12.8	68.9	77.9	85.8	90.5	91.9	93.4	93.9	94.0	94.3	94.6	94.6	94.6	94.6	94.6	94.6
IV 1500	12.8	69.3	78.4	86.7	91.7	93.0	94.6	95.2	95.3	95.6	95.8	95.8	95.8	95.8	95.8	95.8
IV 1200	12.8	69.6	79.0	87.7	92.9	94.3	96.1	96.6	96.7	97.0	97.3	97.3	97.3	97.3	97.3	97.3
IV 1000	12.8	69.8	79.2	88.0	93.2	94.7	96.5	97.2	97.3	97.7	98.0	98.0	98.0	98.0	98.0	98.0
IV 900	12.8	69.8	79.3	88.2	93.4	94.9	96.8	97.5	97.5	98.0	98.2	98.2	98.2	98.2	98.2	98.2
IV 800	12.8	69.8	79.3	88.2	93.4	94.9	96.8	97.5	97.5	98.0	98.3	98.3	98.3	98.3	98.3	98.3
IV 700	12.8	69.8	79.3	88.2	93.4	94.9	96.8	97.5	97.6	98.1	98.4	98.4	98.4	98.4	98.4	98.4
IV 600	12.8	69.9	79.4	88.4	93.5	95.1	97.0	97.7	97.8	98.3	98.5	98.6	98.6	98.6	98.6	98.6
IV 500	12.8	69.9	79.4	88.4	93.5	95.3	97.3	98.1	98.2	98.7	99.0	99.1	99.1	99.1	99.1	99.1
IV 400	12.8	70.0	79.4	88.5	93.7	95.5	97.5	98.3	98.4	98.9	99.2	99.2	99.2	99.2	99.2	99.2
IV 300	12.8	70.1	79.5	88.7	93.9	95.8	97.7	98.6	98.7	99.2	99.5	99.6	99.6	99.6	99.6	99.6
IV 200	12.8	70.1	79.6	88.7	93.9	95.8	97.8	98.7	98.7	99.4	99.7	99.7	99.7	99.7	99.7	99.7
IV 100	12.8	70.1	79.6	88.7	93.9	95.8	97.8	98.7	98.7	99.4	99.7	99.7	99.7	99.7	99.7	99.7
IV 0	12.8	70.1	79.6	88.7	93.9	95.8	97.8	98.7	98.7	99.4	99.7	99.7	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 1581

DATA PROCESSING DIVISION  
ETAC, USAF  
ASPFVILLE, N. C. 28801

## CEILING VERSUS VISIBILITY

43310 FUKUOKA KYUSHU JAPAN/ITAZUKE AB 48-64

MAR  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0600-0800  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 5/16	≥ 1/4
NO CEILING	6.6	20.3	23.5	26.9	28.7	29.3	31.0	31.8	31.9	32.1	32.3	32.5	32.7	32.8	32.8	33.0
≥ 20000	7.1	23.8	28.3	32.2	34.5	35.4	37.3	38.5	38.6	39.0	39.2	39.4	39.7	39.7	39.7	39.9
≥ 18000	7.2	24.2	28.8	32.7	35.0	35.9	37.8	39.0	39.2	39.5	39.7	39.9	40.2	40.2	40.2	40.4
≥ 16000	7.3	24.9	29.9	34.1	36.7	37.6	39.5	40.7	40.9	41.2	41.4	41.6	41.9	41.9	41.9	42.1
≥ 14000	7.6	25.6	30.9	35.5	38.3	39.3	41.3	42.5	42.6	43.1	43.3	43.5	43.7	43.8	43.8	44.0
≥ 12000	8.0	27.3	32.6	37.5	40.7	41.9	43.9	45.1	45.2	45.7	45.9	46.0	46.4	46.4	46.4	46.6
≥ 10000	8.3	28.5	34.3	39.5	43.3	44.6	46.8	48.3	48.5	49.0	49.3	49.5	49.8	49.8	49.8	50.0
≥ 9000	8.3	28.7	34.8	40.2	44.0	45.3	47.6	49.1	49.3	49.8	50.1	50.3	50.6	50.7	50.7	50.9
≥ 8000	8.8	29.7	35.9	41.6	45.5	46.9	49.5	51.2	51.4	52.0	52.2	52.4	52.8	52.8	52.8	53.0
≥ 7000	9.0	30.8	37.1	42.9	47.0	48.5	51.2	52.9	53.3	53.9	54.1	54.3	54.7	54.8	54.8	55.0
≥ 6000	9.2	32.1	38.4	44.5	48.7	50.3	53.1	55.1	55.4	56.0	56.3	56.5	56.9	56.9	56.9	57.1
≥ 5000	10.4	35.2	41.7	48.5	52.8	54.5	57.4	59.6	59.9	60.7	60.9	61.1	61.6	61.7	61.7	61.9
≥ 4500	11.5	38.1	44.9	51.9	56.4	58.2	61.2	63.4	63.8	64.6	64.8	65.0	65.5	65.6	65.6	65.8
≥ 4000	13.7	43.6	51.1	58.6	63.3	65.1	68.6	70.9	71.3	72.2	72.6	72.8	73.3	73.4	73.4	73.6
≥ 3500	15.2	48.8	56.9	65.0	69.8	71.7	75.4	77.9	78.4	79.3	79.6	79.8	80.3	80.4	80.4	80.6
≥ 3000	16.4	52.1	60.7	69.2	74.6	76.7	80.7	83.3	83.9	84.9	85.3	85.5	86.1	86.1	86.1	86.3
≥ 2500	16.8	53.1	62.0	71.0	77.0	79.3	83.7	86.5	87.1	88.1	88.6	88.9	89.6	89.6	89.6	89.8
≥ 2000	16.8	54.3	63.9	73.4	80.0	82.5	87.1	90.1	90.8	91.9	92.4	92.7	93.5	93.6	93.6	93.8
≥ 1800	16.9	54.4	64.0	73.6	80.4	82.9	87.6	90.6	91.3	92.5	93.1	93.4	94.2	94.3	94.3	94.5
≥ 1500	17.0	54.9	64.8	74.4	81.6	84.2	89.1	92.2	92.9	94.1	94.7	95.0	95.8	95.9	95.9	96.1
≥ 1200	17.0	55.0	65.0	74.8	82.1	84.9	89.8	92.9	93.6	95.0	95.7	96.0	96.9	97.0	97.0	97.2
≥ 1000	17.0	55.1	65.1	75.1	82.5	85.3	90.3	93.5	94.2	95.6	96.4	96.7	97.7	97.7	97.7	98.0
≥ 900	17.0	55.1	65.1	75.1	82.5	85.3	90.3	93.5	94.2	95.7	96.5	96.8	97.7	97.8	97.8	98.0
≥ 800	17.1	55.2	65.2	75.2	82.5	85.3	90.4	93.8	94.6	96.0	96.8	97.1	98.1	98.2	98.2	98.4
≥ 700	17.1	55.2	65.3	75.3	82.7	85.6	90.6	93.9	94.7	95.1	96.9	97.2	98.3	98.4	98.4	98.6
≥ 600	17.1	55.2	65.3	75.4	82.8	85.7	90.7	94.2	95.1	96.5	97.3	97.6	98.7	98.7	98.7	98.9
≥ 500	17.1	55.2	65.4	75.5	82.9	85.8	90.9	94.4	95.4	97.0	97.8	98.1	99.2	99.2	99.2	99.5
≥ 400	17.1	55.2	65.5	75.5	83.0	85.9	91.1	94.6	95.8	97.3	98.1	98.4	99.5	99.6	99.6	99.8
≥ 300	17.1	55.2	65.5	75.5	83.0	86.0	91.1	94.8	95.9	97.5	98.2	98.5	99.6	99.7	99.7	99.9
≥ 200	17.1	55.2	65.5	75.5	83.0	86.0	91.1	94.8	95.9	97.5	98.2	98.5	99.6	99.7	99.7	99.9
≥ 100	17.1	55.2	65.5	75.5	83.0	86.0	91.1	94.8	95.9	97.5	98.2	98.5	99.6	99.7	99.7	99.9
≥ 0	17.1	55.2	65.5	75.5	83.0	86.0	91.1	94.8	95.9	97.5	98.2	98.5	99.6	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 1581

1210WS FORM 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUL 64



DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

## CEILING VERSUS VISIBILITY

43310 STATION FUKUGKA KYUSHU JAPAN/ITAZUKE AB 48-64 YEARS MONTH 0900-1100  
PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	14.8	28.1	29.6	31.3	31.8	32.4	33.0	33.1	33.1	33.3	33.3	33.3	33.3	33.3	33.3	33.3
≥ 20000	17.3	33.6	35.7	38.0	39.2	40.2	40.9	41.3	41.4	41.6	41.6	41.6	41.6	41.6	41.6	41.6
≥ 18000	17.4	34.1	36.2	38.5	39.9	40.9	41.6	42.0	42.1	42.3	42.3	42.3	42.3	42.3	42.3	42.3
≥ 16000	17.8	35.2	37.3	39.6	41.0	42.1	42.7	43.1	43.2	43.4	43.4	43.5	43.5	43.5	43.5	43.5
≥ 14000	18.0	36.4	38.7	41.3	42.8	43.8	44.5	45.0	45.0	45.2	45.2	45.3	45.3	45.3	45.3	45.3
≥ 12000	19.3	38.8	41.6	44.3	45.9	47.0	47.7	48.3	48.3	48.5	48.5	48.6	48.6	48.6	48.6	48.6
≥ 10000	19.5	40.5	43.5	46.5	48.3	49.4	50.2	50.8	51.0	51.3	51.5	51.6	51.6	51.6	51.6	51.6
≥ 9000	19.5	41.4	44.4	47.8	49.7	51.0	51.8	52.4	52.7	53.1	53.3	53.4	53.4	53.5	53.5	53.5
≥ 8000	20.3	43.3	46.4	50.0	51.9	53.2	54.2	54.8	55.1	55.6	55.8	55.9	56.0	56.0	56.0	56.0
≥ 7000	20.4	43.9	47.0	50.9	52.9	54.2	55.2	55.9	56.2	56.7	56.9	57.0	57.1	57.1	57.1	57.1
≥ 6000	20.7	44.9	48.2	52.1	54.3	55.7	56.7	57.4	57.7	58.2	58.4	58.5	58.6	58.6	58.6	58.6
≥ 5000	21.8	47.1	50.9	54.9	57.4	59.0	60.3	61.2	61.5	62.0	62.3	62.4	62.5	62.6	62.6	62.6
≥ 4500	22.9	49.3	53.2	57.3	59.9	61.5	62.8	63.8	64.1	64.6	64.9	65.0	65.1	65.1	65.1	65.1
≥ 4000	27.0	55.7	59.9	64.4	67.2	68.8	70.3	71.4	72.0	72.8	73.1	73.2	73.3	73.4	73.4	73.4
≥ 3500	29.7	60.3	64.9	69.6	72.5	74.1	75.8	77.3	77.9	78.8	79.3	79.4	79.5	79.6	79.6	79.6
≥ 3000	31.6	64.3	69.1	74.3	77.6	79.5	81.5	83.4	84.0	84.9	85.5	85.6	85.6	85.7	85.7	85.7
≥ 2500	32.5	67.4	72.4	77.8	81.6	83.6	85.8	87.8	88.6	89.8	90.3	90.4	90.5	90.6	90.6	90.6
≥ 2000	32.8	68.5	73.8	79.5	83.5	85.5	87.7	89.7	90.4	91.9	92.5	92.6	92.8	92.9	92.9	92.9
≥ 1800	32.8	68.9	74.3	80.1	84.2	86.4	88.6	90.8	91.5	93.0	93.5	93.7	93.9	93.9	93.9	93.9
≥ 1500	33.0	69.5	75.1	81.2	85.5	87.8	90.1	92.4	93.2	94.9	95.5	95.6	95.8	96.0	96.0	96.0
≥ 1200	33.0	70.0	75.8	81.9	86.5	88.9	91.3	93.9	94.6	96.5	97.2	97.3	97.5	97.6	97.6	97.6
≥ 1000	33.0	70.0	76.0	82.2	86.8	89.2	91.8	94.3	95.1	96.9	97.7	97.8	98.0	98.1	98.1	98.1
≥ 900	33.1	70.1	76.1	82.3	87.0	89.4	91.9	94.4	95.2	97.1	97.8	98.0	98.2	98.3	98.3	98.3
≥ 800	33.1	70.2	76.3	82.5	87.4	89.8	92.3	94.9	95.6	97.5	98.3	98.4	98.6	98.7	98.7	98.7
≥ 700	33.1	70.2	76.3	82.6	87.5	89.9	92.5	95.1	95.9	97.8	98.5	98.7	98.9	99.0	99.0	99.0
≥ 600	33.1	70.2	76.3	82.7	87.5	90.0	92.8	95.6	96.3	98.3	99.1	99.2	99.4	99.5	99.5	99.5
≥ 500	33.1	70.2	76.3	82.7	87.6	90.1	92.9	95.7	96.5	98.4	99.2	99.3	99.5	99.6	99.6	99.6
≥ 400	33.1	70.2	76.3	82.7	87.7	90.2	93.0	95.8	96.6	98.5	99.3	99.4	99.6	99.7	99.7	99.7
≥ 300	33.1	70.2	76.3	82.7	87.7	90.3	93.0	96.0	96.8	98.8	99.6	99.7	99.9	100.0	100.0	100.0
≥ 200	33.1	70.2	76.3	82.7	87.7	90.3	93.0	96.0	96.8	98.8	99.6	99.7	99.9	100.0	100.0	100.0
≥ 100	33.1	70.2	76.3	82.7	87.7	90.3	93.0	96.0	96.8	98.8	99.6	99.7	99.9	100.0	100.0	100.0
≥ 0	33.1	70.2	76.3	82.7	87.7	90.3	93.0	96.0	96.8	98.8	99.6	99.7	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1581

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

## CEILING VERSUS VISIBILITY

43310  
STATION

FUKUOKA KYUSHU JAPAN/ITAZUKE AB  
STATION NAME

48-64  
YEARS

MAK  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	24.5	34.5	34.8	35.6	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0
IV 20000	28.9	42.3	42.8	43.8	44.2	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
IV 18000	29.0	42.8	43.3	44.4	44.8	44.9	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
IV 16000	29.4	43.6	44.1	45.2	45.7	45.8	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
IV 14000	29.9	45.6	46.2	47.3	47.9	47.9	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
IV 12000	31.3	47.9	48.8	49.8	50.3	50.5	50.7	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
IV 10000	32.3	50.5	51.8	52.9	53.6	53.6	53.8	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
IV 9000	32.6	51.3	52.7	54.0	54.8	55.0	55.3	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
IV 8000	33.0	52.3	53.8	55.4	56.2	56.4	56.7	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
IV 7000	33.3	53.1	54.8	56.4	57.2	57.4	57.9	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
IV 6000	33.8	54.0	55.7	57.4	58.3	58.4	58.9	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
IV 5000	35.4	56.2	58.2	60.0	61.2	61.4	62.0	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
IV 4500	36.6	58.2	60.3	62.3	63.6	63.9	64.5	65.2	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4
IV 4000	42.4	65.6	67.7	70.1	71.4	72.0	72.6	73.5	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7
IV 3500	47.0	71.7	74.0	76.5	77.9	78.5	79.3	80.3	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5
IV 3000	49.6	76.5	79.1	81.8	83.6	84.1	84.9	86.0	86.1	86.2	86.2	86.3	86.3	86.3	86.3	86.3
IV 2500	51.1	79.4	82.4	85.6	87.6	88.4	89.2	90.2	90.3	90.4	90.4	90.5	90.5	90.5	90.5	90.5
IV 2000	51.9	81.2	84.4	88.2	90.4	91.2	92.3	93.4	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7
IV 1800	51.9	81.6	84.9	88.7	91.1	91.9	93.0	94.2	94.3	94.5	94.5	94.6	94.6	94.6	94.6	94.6
IV 1500	52.1	82.4	85.6	89.6	92.2	93.1	94.4	95.7	95.8	96.2	96.2	96.3	96.3	96.3	96.3	96.3
IV 1200	52.4	82.9	86.4	90.3	93.1	94.0	95.4	96.8	97.0	97.4	97.4	97.5	97.5	97.5	97.5	97.5
IV 1000	52.4	83.0	86.7	91.0	93.9	94.8	96.3	97.7	97.8	98.3	98.3	98.4	98.4	98.4	98.4	98.4
IV 900	52.4	83.1	86.9	91.3	94.2	95.1	96.6	98.1	98.3	98.7	98.7	98.8	98.8	98.8	98.8	98.8
IV 800	52.4	83.1	87.0	91.3	94.2	95.1	96.6	98.2	98.5	98.9	99.0	99.1	99.1	99.1	99.1	99.1
IV 700	52.4	83.2	87.1	91.7	94.6	95.4	97.0	98.6	98.9	99.4	99.4	99.5	99.5	99.5	99.5	99.5
IV 600	52.4	83.2	87.1	91.7	94.6	95.6	97.1	98.8	99.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7
IV 500	52.4	83.2	87.1	91.7	94.6	95.6	97.1	98.9	99.2	99.7	99.8	99.9	99.9	99.9	99.9	99.9
IV 400	52.4	83.2	87.1	91.7	94.6	95.6	97.1	99.0	99.3	99.9	99.9	100.0	100.0	100.0	100.0	100.0
IV 300	52.4	83.2	87.1	91.7	94.6	95.6	97.1	99.0	99.3	99.9	99.9	100.0	100.0	100.0	100.0	100.0
IV 200	52.4	83.2	87.1	91.7	94.6	95.6	97.1	99.0	99.3	99.9	99.9	100.0	100.0	100.0	100.0	100.0
IV 100	52.4	83.2	87.1	91.7	94.6	95.6	97.1	99.0	99.3	99.9	99.9	100.0	100.0	100.0	100.0	100.0
IV 0	52.4	83.2	87.1	91.7	94.6	95.6	97.1	99.0	99.3	99.9	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1581

1210WS FORM JUL 64 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

## CEILING VERSUS VISIBILITY

43310  
STATION

FUKUOKA KYUSHU JAPAN/ITAZUKE AB  
STATION NAME

48-64  
YEARS

MAR  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	24.6	32.6	33.1	33.7	33.8	33.8	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.2	34.2
≥ 20000	30.9	42.7	43.5	44.3	44.6	44.6	44.8	44.9	44.9	44.9	44.9	44.9	44.9	44.9	45.0	45.0
≥ 18000	31.4	43.6	44.3	45.2	45.5	45.5	45.7	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.9	45.9
≥ 16000	31.9	44.6	45.4	46.4	46.6	46.6	46.8	46.9	46.9	46.9	46.9	46.9	46.9	46.9	47.1	47.1
≥ 14000	33.1	46.7	47.4	48.5	48.7	48.7	48.9	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.1	49.1
≥ 12000	34.3	49.3	50.2	51.5	52.0	52.0	52.2	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.5	52.5
≥ 10000	35.5	51.9	52.9	54.5	55.0	55.0	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.5	55.5
≥ 9000	35.9	52.8	53.8	55.4	55.9	56.0	56.4	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.6	56.6
≥ 8000	36.8	54.3	55.5	57.1	57.7	57.8	58.2	58.4	58.4	58.5	58.5	58.5	58.5	58.5	58.6	58.6
≥ 7000	36.8	54.3	56.3	58.0	58.7	58.8	59.5	59.8	59.8	59.8	59.8	59.8	59.8	59.8	60.0	60.0
≥ 6000	37.3	56.0	57.4	59.2	60.0	60.1	60.8	61.0	61.0	61.1	61.1	61.1	61.1	61.1	61.2	61.2
≥ 5000	38.4	57.9	59.4	61.6	62.4	62.6	63.4	63.8	63.8	63.9	63.9	63.9	63.9	63.9	64.1	64.1
≥ 4500	40.4	60.8	62.8	64.8	65.7	65.8	66.7	67.2	67.2	67.3	67.3	67.3	67.4	67.4	67.5	67.5
≥ 4000	46.8	69.0	71.2	73.7	74.9	75.3	76.2	76.7	76.7	76.8	76.8	76.8	76.9	76.9	77.0	77.0
≥ 3500	50.0	73.4	75.8	78.6	79.8	80.3	81.3	82.0	82.1	82.2	82.2	82.2	82.2	82.2	82.4	82.4
≥ 3000	52.5	77.0	79.4	82.8	84.0	84.8	86.1	87.0	87.0	87.2	87.2	87.2	87.3	87.3	87.4	87.4
≥ 2500	54.1	80.0	82.8	86.5	88.0	89.0	90.3	91.3	91.4	91.8	91.8	91.9	91.9	91.9	92.0	92.0
≥ 2000	55.0	81.8	84.7	88.9	90.7	91.7	93.0	94.2	94.2	94.8	94.8	94.9	94.9	94.9	95.0	95.0
≥ 1800	55.2	82.1	85.1	89.4	91.2	92.2	93.6	94.8	94.9	95.4	95.5	95.6	95.6	95.6	95.7	95.7
≥ 1500	55.2	82.5	85.7	90.3	92.2	93.2	94.8	96.0	96.0	96.6	96.6	96.7	96.7	96.7	96.8	96.8
≥ 1200	55.5	82.9	86.1	90.8	92.8	93.8	95.4	96.8	96.9	97.5	97.5	97.6	97.6	97.6	97.7	97.7
≥ 1000	55.5	83.1	86.4	91.1	93.2	94.2	96.0	97.4	97.5	98.0	98.1	98.2	98.2	98.2	98.3	98.3
≥ 900	55.5	83.2	86.5	91.1	93.2	94.4	96.2	97.7	97.7	98.3	98.4	98.4	98.4	98.4	98.5	98.5
≥ 800	55.5	83.2	86.5	91.1	93.2	94.4	96.2	97.8	97.8	98.4	98.5	98.5	98.5	98.5	98.7	98.7
≥ 700	55.5	83.2	86.5	91.2	93.3	94.5	96.3	97.8	98.0	98.5	98.6	98.7	98.7	98.7	98.8	98.8
≥ 600	55.5	83.2	86.5	91.2	93.3	94.6	96.5	98.4	98.5	99.2	99.3	99.4	99.4	99.4	99.5	99.5
≥ 500	55.5	83.2	86.5	91.2	93.3	94.6	96.5	98.4	98.5	99.2	99.4	99.5	99.5	99.5	99.6	99.6
≥ 400	55.5	83.2	86.5	91.2	93.3	94.6	96.5	98.4	98.5	99.2	99.4	99.5	99.5	99.5	99.6	99.6
≥ 300	55.5	83.2	86.5	91.2	93.3	94.6	96.5	98.4	98.5	99.2	99.5	99.6	99.6	99.7	99.9	99.9
≥ 200	55.5	83.2	86.5	91.2	93.3	94.6	96.5	98.4	98.5	99.2	99.5	99.6	99.6	99.7	99.9	99.9
≥ 100	55.5	83.2	86.5	91.2	93.3	94.6	96.5	98.4	98.5	99.2	99.5	99.6	99.6	99.7	99.9	99.9
≥ 0	55.5	83.2	86.5	91.2	93.3	94.6	96.5	98.4	98.5	99.2	99.5	99.6	99.6	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1581

1210WS FORM 0-14-5 (Det 50) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

## CEILING VERSUS VISIBILITY

43310  
STATION

FUKUGKA KYUSHU JAPAN/ITAZUKE AB  
STATION NAME

48-64  
YEARS

MAK  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1800-2000  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	13.1	30.2	33.5	35.7	37.1	37.8	38.2	38.5	38.7	38.8	38.9	38.9	38.9	38.9	38.9	38.9
≥ 20000	15.7	36.3	40.7	43.3	45.1	45.8	46.7	47.1	47.3	47.4	47.6	47.6	47.7	47.7	47.7	47.7
≥ 18000	16.0	37.1	41.6	44.3	46.2	46.9	47.8	48.2	48.4	48.5	48.7	48.7	48.8	48.8	48.8	48.8
≥ 16000	16.1	37.9	42.5	45.2	47.1	47.8	48.7	49.1	49.3	49.5	49.7	49.7	49.7	49.7	49.7	49.7
≥ 14000	16.8	39.6	44.4	47.2	49.3	50.0	50.9	51.4	51.5	51.7	51.9	51.9	51.9	51.9	51.9	51.9
≥ 12000	17.1	40.8	45.9	49.1	51.4	52.2	53.2	53.6	53.8	54.1	54.3	54.3	54.3	54.3	54.3	54.3
≥ 10000	17.5	42.8	48.4	52.1	54.6	55.4	56.5	57.0	57.2	57.5	57.7	57.7	57.7	57.7	57.7	57.7
≥ 9000	17.5	43.3	49.2	53.2	55.9	56.7	57.7	58.4	58.6	59.0	59.2	59.2	59.3	59.3	59.3	59.3
≥ 8000	17.9	44.2	50.5	54.9	57.7	58.6	59.7	60.4	60.7	61.2	61.4	61.4	61.5	61.5	61.5	61.5
≥ 7000	18.1	44.8	51.2	55.7	58.8	59.6	60.9	61.6	61.9	62.4	62.6	62.6	62.7	62.7	62.7	62.7
≥ 6000	18.5	45.9	52.3	56.9	60.0	61.0	62.2	63.1	63.3	63.9	64.1	64.1	64.1	64.1	64.1	64.1
≥ 5000	19.4	47.6	54.2	59.4	62.7	63.8	65.2	66.2	66.5	67.6	67.7	67.7	67.8	67.9	67.9	67.9
≥ 4500	20.2	49.7	56.5	62.0	65.5	66.6	68.2	69.3	69.6	70.7	70.8	70.8	70.9	71.0	71.0	71.0
≥ 4000	22.8	55.1	62.2	68.1	71.9	73.1	75.0	76.3	76.6	77.9	78.1	78.1	78.2	78.2	78.2	78.2
≥ 3500	24.7	58.6	66.2	72.5	76.7	77.9	79.8	81.3	81.7	83.0	83.3	83.3	83.4	83.4	83.4	83.4
≥ 3000	25.8	62.0	69.8	76.7	81.1	82.4	84.6	86.3	86.7	88.2	88.6	88.6	88.6	88.7	88.7	88.7
≥ 2500	26.5	64.6	72.5	79.6	84.3	85.5	88.0	89.8	90.2	91.7	92.1	92.1	92.2	92.3	92.3	92.3
≥ 2000	26.9	65.9	74.2	81.4	86.5	87.7	90.6	92.4	92.8	94.2	94.8	94.8	95.0	95.1	95.1	95.1
≥ 1800	26.9	66.4	74.8	82.0	87.1	88.4	91.3	93.1	93.5	94.9	95.4	95.4	95.7	95.8	95.8	95.8
≥ 1500	27.0	66.7	75.1	82.5	87.8	89.1	92.0	94.0	94.4	95.9	96.4	96.4	96.7	96.8	96.8	96.8
≥ 1200	27.0	67.0	75.7	83.0	88.6	89.9	92.9	95.0	95.4	96.9	97.4	97.4	97.8	97.8	97.8	97.8
≥ 1000	27.0	67.2	75.9	83.2	88.7	90.1	93.3	95.4	95.8	97.3	97.8	97.8	98.2	98.2	98.2	98.2
≥ 900	27.0	67.3	76.0	83.4	88.9	90.3	93.5	95.6	96.0	97.5	98.0	98.0	98.4	98.4	98.4	98.4
≥ 800	27.0	67.4	76.1	83.5	89.0	90.4	93.5	95.6	96.1	97.5	98.0	98.1	98.5	98.5	98.5	98.5
≥ 700	27.0	67.4	76.1	83.6	89.1	90.5	93.7	95.8	96.3	97.7	98.2	98.3	98.7	98.7	98.7	98.7
≥ 600	27.0	67.4	76.1	83.6	89.3	90.8	94.2	96.5	96.9	98.4	98.9	99.0	99.4	99.4	99.5	99.5
≥ 500	27.0	67.4	76.1	83.6	89.3	90.8	94.2	96.5	97.0	98.5	99.0	99.1	99.4	99.5	99.6	99.6
≥ 400	27.0	67.4	76.1	83.6	89.3	90.8	94.2	96.5	97.0	98.5	99.0	99.1	99.4	99.5	99.6	99.6
≥ 300	27.0	67.4	76.1	83.6	89.3	90.8	94.2	96.5	97.0	98.6	99.1	99.2	99.6	99.6	99.7	99.7
≥ 200	27.0	67.4	76.1	83.6	89.3	90.8	94.2	96.5	97.1	98.7	99.4	99.5	99.9	99.9	100.0	100.0
≥ 100	27.0	67.4	76.1	83.6	89.3	90.8	94.2	96.5	97.1	98.7	99.4	99.5	99.9	99.9	100.0	100.0
≥ 0	27.0	67.4	76.1	83.6	89.3	90.8	94.2	96.5	97.1	98.7	99.4	99.5	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1581

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

## CEILING VERSUS VISIBILITY

43310  
STATION

FUKUOKA KYUSHU JAPAN/ITAZUKE AB  
STATION NAME

48-64  
YEARS

MAR  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	6.6	30.9	36.6	40.1	42.8	43.3	43.8	44.0	44.1	44.2	44.2	44.2	44.2	44.2	44.2	44.2
≥ 20000	7.2	33.8	40.2	44.5	47.6	48.1	48.6	48.8	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 18000	7.2	34.3	40.9	45.2	48.3	48.8	49.7	49.8	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 16000	7.2	34.9	41.5	46.0	49.1	49.6	50.4	50.5	50.7	50.8	50.8	50.8	50.8	50.8	50.8	50.8
≥ 14000	7.8	36.1	42.7	47.4	50.5	51.2	52.0	52.1	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 12000	8.0	37.3	43.9	49.1	52.4	53.2	54.0	54.1	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4
≥ 10000	8.3	39.4	46.2	51.7	55.2	56.0	56.9	57.0	57.2	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 9000	8.5	40.2	47.1	52.9	56.6	57.4	58.3	58.4	58.6	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 8000	8.7	41.2	48.2	54.1	58.2	59.1	60.0	60.1	60.3	60.5	60.5	60.5	60.5	60.5	60.5	60.5
≥ 7000	8.8	41.6	48.7	55.0	59.3	60.3	61.3	61.5	61.7	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 6000	8.9	42.5	49.9	56.9	61.2	62.2	63.3	63.5	63.7	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 5000	9.9	45.5	53.3	60.5	65.3	66.4	67.6	67.9	68.1	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 4500	10.4	48.0	56.1	63.6	68.8	69.9	71.4	71.9	72.0	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 4000	11.8	53.1	61.5	69.6	75.1	76.3	78.0	78.6	78.8	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 3500	12.7	57.9	66.6	75.0	80.5	81.8	83.8	84.4	84.6	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 3000	13.5	61.4	70.5	79.1	84.7	86.0	88.0	88.7	88.9	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 2500	13.9	63.6	72.9	81.6	87.4	88.8	91.1	91.8	92.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 2000	14.0	65.0	74.5	83.4	89.7	91.1	93.7	94.3	94.6	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 1900	14.0	65.3	74.8	83.7	90.0	91.5	94.1	94.8	95.0	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1500	14.0	66.0	75.5	84.5	91.0	92.5	95.2	95.8	96.1	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 1200	14.0	66.1	75.7	84.8	91.3	93.1	96.1	96.8	97.0	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1000	14.0	66.2	75.8	84.9	91.5	93.4	96.3	97.2	97.5	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 900	14.0	66.4	76.0	85.1	91.8	93.7	96.8	97.7	97.9	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 800	14.0	66.5	76.2	85.3	92.1	94.0	97.1	98.0	98.3	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 700	14.0	66.5	76.2	85.3	92.1	94.0	97.2	98.2	98.4	99.0	99.0	99.0	99.1	99.1	99.1	99.1
≥ 600	14.0	66.6	76.3	85.6	92.5	94.4	97.7	98.7	99.0	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 500	14.0	66.6	76.3	85.6	92.5	94.4	97.7	98.8	99.1	99.6	99.6	99.6	99.7	99.7	99.8	99.8
≥ 400	14.0	66.6	76.3	85.6	92.5	94.4	97.7	98.8	99.1	99.6	99.7	99.7	99.8	99.8	99.9	99.9
≥ 300	14.0	66.6	76.3	85.6	92.5	94.5	97.8	98.9	99.2	99.7	99.8	99.8	99.9	99.9	100.0	100.0
≥ 200	14.0	66.6	76.3	85.6	92.5	94.5	97.8	98.9	99.2	99.7	99.8	99.8	99.9	99.9	100.0	100.0
≥ 100	14.0	66.6	76.3	85.6	92.5	94.5	97.8	98.9	99.2	99.7	99.8	99.8	99.9	99.9	100.0	100.0
≥ 0	14.0	66.6	76.3	85.6	92.5	94.5	97.8	98.9	99.2	99.7	99.8	99.8	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1581

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

# CEILING VERSUS VISIBILITY

43310 STATION FUKUOKA KYUSHU JAPAN/ITAZUKE AB 48-64 YEARS APR MONTH  
PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS) 0000-2400 HOURS (LST.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	6.9	30.7	34.6	38.5	40.5	41.0	41.9	42.1	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
≥ 20000	8.0	36.5	40.8	45.7	47.8	48.6	49.7	49.9	49.9	50.1	50.1	50.1	50.1	50.1	50.1	50.1
≥ 18000	8.0	36.7	41.0	45.9	48.0	48.8	49.9	50.1	50.2	50.3	50.4	50.4	50.4	50.4	50.4	50.4
≥ 16000	8.1	37.1	41.4	46.3	48.5	49.3	50.5	50.8	50.9	51.0	51.1	51.1	51.1	51.1	51.1	51.1
≥ 14000	8.2	38.3	43.1	48.4	50.7	51.6	52.7	53.1	53.1	53.3	53.3	53.3	53.3	53.3	53.3	53.3
≥ 12000	8.3	39.9	45.1	50.5	53.3	54.3	55.5	55.8	55.9	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 10000	8.5	42.4	48.0	54.0	57.2	58.3	59.8	60.2	60.3	60.5	60.5	60.5	60.5	60.5	60.5	60.5
≥ 9000	8.5	42.7	48.3	54.3	57.5	58.6	60.2	60.6	60.7	60.8	60.9	60.9	60.9	60.9	60.9	60.9
≥ 8000	9.0	43.9	49.7	55.9	59.3	60.5	62.1	62.5	62.5	62.7	62.8	62.8	62.8	62.8	62.8	62.8
≥ 7000	9.0	45.5	51.8	58.2	61.8	62.9	64.8	65.2	65.2	65.4	65.5	65.5	65.5	65.5	65.5	65.5
≥ 6000	9.1	46.2	52.8	59.2	62.7	63.9	65.8	66.2	66.3	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 5000	9.7	49.2	56.0	62.4	66.1	67.3	69.2	69.5	69.6	69.8	69.9	69.9	69.9	69.9	69.9	69.9
≥ 4500	9.7	50.0	57.0	63.5	67.3	68.6	70.5	70.8	70.9	71.1	71.2	71.2	71.2	71.2	71.2	71.2
≥ 4000	9.9	53.1	60.3	67.0	70.8	72.2	74.3	74.8	75.0	75.2	75.3	75.3	75.3	75.3	75.3	75.3
≥ 3500	10.5	56.0	63.5	71.0	75.2	76.5	78.8	79.3	79.5	79.7	79.8	79.8	79.8	79.8	79.8	79.8
≥ 3000	11.2	58.5	66.3	74.6	78.8	80.3	82.9	83.7	83.8	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 2500	11.6	61.2	69.2	77.6	82.1	83.8	86.5	87.5	87.6	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 2000	11.8	63.0	71.6	80.3	85.1	86.9	90.1	91.0	91.2	91.6	91.7	91.7	91.8	91.8	91.8	91.8
≥ 1800	12.0	63.5	72.1	80.8	85.6	87.5	90.7	91.6	91.8	92.2	92.3	92.3	92.4	92.4	92.4	92.4
≥ 1500	12.0	63.9	72.6	81.4	86.4	88.3	91.6	92.5	92.7	93.1	93.2	93.2	93.3	93.3	93.3	93.3
≥ 1200	12.2	64.6	73.5	82.3	87.4	89.4	92.7	93.7	94.0	94.4	94.5	94.5	94.6	94.6	94.6	94.6
≥ 1000	12.2	65.0	73.9	82.7	87.9	89.9	93.3	94.4	94.8	95.4	95.4	95.4	95.5	95.5	95.5	95.5
≥ 900	12.2	65.3	74.2	83.0	88.2	90.2	93.7	94.8	95.2	95.7	95.8	95.8	95.8	95.8	95.8	95.8
≥ 800	12.2	65.3	74.2	83.1	88.5	90.5	94.0	95.1	95.5	96.0	96.1	96.1	96.1	96.1	96.1	96.1
≥ 700	12.2	65.4	74.3	83.4	88.8	91.0	94.5	95.6	96.0	96.5	96.6	96.6	96.7	96.7	96.7	96.7
≥ 600	12.2	65.6	74.4	83.7	89.1	91.3	95.0	96.1	96.5	97.1	97.1	97.1	97.2	97.2	97.2	97.2
≥ 500	12.2	65.6	74.8	84.1	89.7	91.9	95.6	96.8	97.2	97.8	97.8	97.8	97.9	97.9	97.9	97.9
≥ 400	12.2	65.6	75.0	84.3	89.9	92.1	95.8	97.0	97.5	98.2	98.3	98.3	98.4	98.4	98.4	98.4
≥ 300	12.2	65.7	75.0	84.4	90.1	92.4	96.1	97.3	97.9	98.7	98.8	98.9	99.1	99.1	99.1	99.1
≥ 200	12.2	65.7	75.1	84.4	90.2	92.5	96.2	97.4	98.0	98.8	98.9	99.0	99.2	99.2	99.3	99.3
≥ 100	12.2	65.7	75.2	84.5	90.3	92.5	96.3	97.5	98.0	98.8	99.0	99.0	99.3	99.3	99.7	99.7
≥ 0	12.2	65.7	75.2	84.5	90.3	92.5	96.3	97.5	98.0	98.8	99.0	99.0	99.3	99.3	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 1530

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

# CEILING VERSUS VISIBILITY

43310  
STAT. ON

FUKUGA KYUSHU JAPAN/ITAZUKE AB  
STATION NAME

48-64  
YEARS

APR  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	6.9	30.3	33.9	37.1	39.3	39.9	40.5	40.5	40.5	40.7	40.7	40.7	40.8	40.8	40.8	40.8
≥ 20000	8.0	35.3	39.3	43.3	45.6	46.1	47.0	47.1	47.1	47.2	47.3	47.3	47.3	47.3	47.4	47.4
≥ 18000	8.0	35.5	39.5	43.6	46.0	46.5	47.4	47.5	47.5	47.6	47.8	47.8	47.8	47.8	47.9	47.9
≥ 16000	8.0	35.9	39.9	44.1	46.7	47.2	48.0	48.2	48.2	48.3	48.4	48.4	48.5	48.5	48.6	48.6
≥ 14000	8.2	37.4	41.5	45.8	48.4	49.0	49.8	49.9	49.9	50.1	50.2	50.2	50.3	50.3	50.3	50.3
≥ 12000	8.4	38.9	43.5	48.1	51.2	51.8	52.7	52.8	52.8	53.0	53.1	53.1	53.2	53.2	53.3	53.3
≥ 10000	8.4	41.2	45.8	50.8	54.1	54.7	55.6	55.8	55.8	55.9	56.1	56.1	56.1	56.1	56.2	56.2
≥ 9000	8.4	41.6	46.3	51.3	54.7	55.4	56.5	56.6	56.6	56.8	56.9	56.9	57.0	57.0	57.1	57.1
≥ 8000	8.5	42.7	47.6	52.7	56.2	56.9	58.1	58.3	58.3	58.5	58.6	58.6	58.7	58.7	58.8	58.8
≥ 7000	8.8	44.6	49.7	55.0	58.5	59.3	60.8	61.1	61.2	61.4	61.5	61.5	61.6	61.6	61.6	61.6
≥ 6000	8.9	46.0	51.7	57.1	60.7	61.5	63.4	63.7	63.8	64.1	64.2	64.2	64.2	64.2	64.3	64.3
≥ 5000	9.1	48.5	54.5	60.0	63.7	64.5	66.5	66.8	66.9	67.1	67.3	67.3	67.3	67.3	67.4	67.4
≥ 4500	9.3	49.7	55.9	61.4	65.3	66.1	68.2	68.6	68.6	68.9	69.0	69.0	69.1	69.1	69.2	69.2
≥ 4000	9.5	53.1	59.3	65.0	69.2	70.1	72.5	72.8	72.9	73.3	73.4	73.4	73.5	73.5	73.5	73.5
≥ 3500	10.0	55.9	62.5	68.4	72.9	73.8	76.2	76.9	76.9	77.3	77.5	77.5	77.5	77.5	77.6	77.6
≥ 3000	10.9	59.3	66.5	72.5	77.5	78.4	81.2	81.9	82.0	82.4	82.5	82.5	82.5	82.5	82.6	82.6
≥ 2500	11.2	61.6	68.9	75.3	80.3	81.3	84.1	85.0	85.1	85.6	85.8	85.8	85.9	85.9	85.9	85.9
≥ 2000	11.4	62.7	71.0	77.6	82.6	83.7	86.9	87.8	88.0	88.6	88.8	88.8	89.0	89.0	89.0	89.0
≥ 1800	11.6	63.2	71.5	78.2	83.3	84.6	87.7	88.8	88.9	89.5	89.7	89.7	89.9	89.9	89.9	89.9
≥ 1500	11.6	64.0	72.5	79.5	85.0	86.5	89.7	90.8	90.9	91.7	91.9	91.9	92.0	92.0	92.1	92.1
≥ 1200	11.6	64.2	72.9	80.1	85.8	87.3	90.6	91.8	92.0	92.9	93.1	93.1	93.3	93.3	93.3	93.3
≥ 1000	11.6	64.5	73.3	80.5	86.3	87.9	91.4	92.5	92.8	93.7	93.9	93.9	94.1	94.1	94.1	94.1
≥ 900	11.6	64.5	73.4	80.6	86.5	88.1	91.6	92.1	93.0	94.0	94.2	94.2	94.4	94.4	94.4	94.4
≥ 800	1.6	64.9	73.8	81.2	87.1	88.7	92.3	93.1	93.7	94.8	95.0	95.0	95.2	95.2	95.2	95.2
≥ 700	11.6	64.9	73.8	81.3	87.3	89.0	92.5	93.7	94.0	95.1	95.4	95.4	95.5	95.5	95.6	95.6
≥ 600	11.6	65.0	74.1	81.8	87.9	89.5	93.2	94.4	94.6	95.8	96.0	96.0	96.1	96.1	96.2	96.2
≥ 500	11.6	65.4	74.5	82.4	88.8	90.7	94.4	95.6	95.9	97.0	97.3	97.3	97.5	97.5	97.5	97.5
≥ 400	11.6	65.4	74.6	82.5	89.0	90.8	94.6	95.8	96.0	97.2	97.5	97.5	97.6	97.6	97.7	97.7
≥ 300	11.6	65.5	74.8	82.7	89.2	91.0	94.8	96.1	96.4	97.6	97.9	97.9	98.0	98.0	98.1	98.1
≥ 200	11.6	65.5	74.8	82.7	89.2	91.0	94.9	96.3	96.7	97.8	98.2	98.2	98.3	98.3	98.4	98.4
≥ 100	11.6	65.6	74.9	82.8	89.3	91.2	95.0	96.5	96.8	98.0	98.5	98.5	98.7	98.7	99.0	99.1
≥ 0	11.6	65.6	74.9	82.8	89.3	91.2	95.0	96.5	96.8	98.0	98.5	98.5	98.7	98.7	99.0	99.1

TOTAL NUMBER OF OBSERVATIONS 1530

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

# CEILING VERSUS VISIBILITY

43310  
STATION

FUKUOKA KYUSHU JAPAN/ITAZUKE AB  
STATION NAME

48-64  
YEARS

APR  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0600-0800  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	7.2	20.7	25.2	28.4	31.0	32.5	34.4	35.1	35.2	35.9	36.1	36.1	36.1	36.2	36.3	36.3
≥ 20000	8.3	24.5	29.7	34.1	37.4	39.2	41.7	42.5	42.6	43.4	43.5	43.6	43.7	43.7	43.9	43.9
≥ 18000	8.3	24.7	29.9	34.4	37.8	39.7	42.4	43.1	43.3	44.1	44.2	44.2	44.4	44.4	44.6	44.6
≥ 16000	8.3	25.0	30.2	34.7	38.1	40.0	42.7	43.5	43.6	44.4	44.6	44.6	44.8	44.8	45.0	45.0
≥ 14000	8.3	25.6	31.0	35.8	39.3	41.2	44.1	44.9	45.1	45.9	46.1	46.1	46.3	46.3	46.5	46.5
≥ 12000	8.4	27.3	33.1	38.1	41.6	43.8	46.9	47.8	48.0	48.8	49.0	49.0	49.2	49.3	49.4	49.5
≥ 10000	8.8	29.2	35.7	41.1	44.7	47.1	50.7	52.0	52.2	53.1	53.3	53.3	53.7	53.8	53.9	54.1
≥ 9000	9.0	29.5	36.1	41.6	45.3	47.9	51.5	52.7	52.9	53.9	54.1	54.2	54.5	54.6	54.8	54.8
≥ 8000	9.0	30.9	37.1	42.4	47.5	50.1	53.7	55.0	55.2	56.1	56.4	56.5	56.8	56.9	57.1	57.2
≥ 7000	9.1	31.9	39.0	45.0	49.2	51.9	55.5	57.1	57.3	58.2	58.5	58.6	58.9	59.0	59.2	59.3
≥ 6000	9.3	32.5	39.7	46.0	50.4	53.1	56.9	58.7	58.9	59.9	60.3	60.4	60.7	60.8	61.0	61.1
≥ 5000	9.4	34.4	42.2	48.6	53.1	55.9	59.8	61.6	61.8	62.9	63.3	63.4	63.7	63.9	64.1	64.1
≥ 4500	10.3	35.9	43.6	50.0	54.6	57.5	61.4	63.3	63.5	64.5	65.0	65.0	65.4	65.5	65.7	65.7
≥ 4000	11.2	39.3	47.5	54.1	58.9	61.8	65.8	67.6	67.9	69.0	69.7	69.7	70.1	70.2	70.4	70.5
≥ 3500	11.8	41.5	50.0	57.3	62.4	65.4	69.7	71.6	71.9	73.1	73.9	74.0	74.4	74.5	74.7	74.8
≥ 3000	12.2	43.6	52.4	60.3	65.8	69.0	73.4	75.4	75.8	77.2	78.2	78.4	78.9	79.0	79.2	79.3
≥ 2500	12.9	46.3	55.6	63.9	69.8	73.1	77.6	79.8	80.2	81.7	82.7	82.9	83.5	83.6	83.8	83.9
≥ 2000	13.5	47.9	57.5	66.1	72.3	75.7	80.4	82.8	83.2	84.8	86.0	86.1	86.9	87.0	87.2	87.3
≥ 1800	13.5	48.2	57.9	66.5	72.7	76.1	80.8	83.3	83.8	85.5	86.7	86.9	87.6	87.7	87.9	88.0
≥ 1500	13.6	49.0	59.4	68.2	75.0	78.4	83.1	85.8	86.3	88.2	89.5	89.7	90.7	90.8	91.0	91.1
≥ 1200	13.8	49.7	60.3	69.2	76.4	79.9	84.7	87.5	88.0	89.9	91.3	91.6	92.5	92.7	92.9	93.0
≥ 1000	13.8	50.0	60.5	69.6	76.9	80.5	85.6	88.6	89.2	91.0	92.6	92.9	93.9	94.0	94.2	94.4
≥ 900	13.8	50.1	60.7	69.9	77.3	80.9	86.0	89.1	89.7	91.6	93.1	93.4	94.4	94.5	94.8	94.9
≥ 800	13.8	50.3	60.8	70.1	77.8	81.4	86.6	89.7	90.3	92.3	93.9	94.2	95.2	95.3	95.6	95.7
≥ 700	13.8	50.5	61.1	70.5	78.2	81.8	87.1	90.2	90.8	92.8	94.6	94.8	95.8	95.9	96.2	96.3
≥ 600	13.8	50.5	61.2	70.8	78.7	82.4	87.6	90.7	91.3	93.5	95.2	95.5	96.5	96.7	96.9	97.1
≥ 500	13.8	50.6	61.3	70.9	78.8	82.5	87.8	91.2	91.9	94.2	95.9	96.2	97.3	97.4	97.6	97.8
≥ 400	13.8	50.6	61.3	70.9	78.8	82.5	87.9	91.3	92.0	94.3	96.1	96.3	97.5	97.7	98.0	98.2
≥ 300	13.8	50.6	61.3	70.9	78.8	82.6	88.0	91.4	92.1	94.4	96.2	96.5	97.9	98.1	98.4	98.6
≥ 200	13.8	50.6	61.3	70.9	78.8	82.6	88.0	91.4	92.1	94.6	96.5	96.8	98.2	98.5	98.9	99.2
≥ 100	13.8	50.6	61.3	70.9	78.8	82.6	88.0	91.4	92.1	94.6	96.5	96.8	98.2	98.6	99.1	99.4
≥ 0	13.8	50.6	61.3	70.9	78.8	82.6	88.0	91.4	92.1	94.6	96.5	96.8	98.3	98.7	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 1530

1210W5 FORM JUL 64 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

## CEILING VERSUS VISIBILITY

43310 FUKUCKA KYUSHU JAPAN/ITAZUKE AB 48-64 APR  
STATION STATION NAME YEARS MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-110  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	18.9	30.2	31.6	33.8	35.4	35.9	36.5	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7
≥ 20000	21.7	36.7	38.5	41.4	43.6	44.2	44.8	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
≥ 18000	22.2	37.7	39.7	42.8	45.1	45.8	46.5	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
≥ 16000	22.4	37.9	39.9	43.1	45.4	46.1	46.7	47.1	47.1	47.2	47.2	47.2	47.2	47.2	47.2	47.2
≥ 14000	22.7	39.1	41.0	44.5	47.0	47.9	48.6	49.0	49.0	49.2	49.2	49.2	49.2	49.2	49.2	49.2
≥ 12000	23.1	40.9	43.0	46.9	49.6	50.5	51.2	51.7	51.7	51.9	51.9	51.9	51.9	52.0	52.0	52.0
≥ 10000	24.6	43.9	46.1	50.3	53.2	54.2	55.1	55.9	56.0	56.3	56.3	56.3	56.3	56.4	56.4	56.4
≥ 9000	24.8	44.6	46.8	51.1	54.1	55.4	56.2	57.1	57.3	57.6	57.6	57.6	57.6	57.7	57.7	57.7
≥ 8000	25.4	45.9	48.2	52.8	55.9	57.1	58.1	59.0	59.2	59.5	59.6	59.6	59.6	59.7	59.7	59.7
≥ 7000	25.7	47.0	49.4	54.2	57.5	59.0	60.1	61.0	61.2	61.6	61.8	61.8	61.8	61.8	61.8	61.8
≥ 6000	25.9	47.9	50.3	55.2	58.6	60.2	61.4	62.5	62.7	63.2	63.4	63.5	63.5	63.5	63.5	63.5
≥ 5000	27.1	50.1	52.8	58.0	61.6	63.2	64.5	65.6	65.9	66.4	66.6	66.7	66.7	66.7	66.7	66.7
≥ 4500	27.6	50.8	53.7	58.8	62.5	64.1	65.4	66.5	66.8	67.3	67.6	67.6	67.7	67.7	67.7	67.7
≥ 4000	29.8	55.0	58.2	63.4	67.5	69.2	70.7	71.8	72.0	72.5	72.8	72.9	72.9	72.9	72.9	72.9
≥ 3500	31.2	58.6	62.0	67.4	71.7	73.4	75.0	76.1	76.3	76.9	77.2	77.3	77.3	77.3	77.3	77.3
≥ 3000	32.3	62.0	65.3	71.7	76.3	78.2	80.0	81.1	81.4	82.0	82.4	82.4	82.5	82.5	82.5	82.5
≥ 2500	33.4	64.8	69.1	75.2	80.1	82.3	84.1	85.4	85.7	86.5	86.9	86.9	87.0	87.0	87.0	87.0
≥ 2000	33.9	66.9	71.6	77.7	82.9	85.3	87.4	88.8	89.1	90.0	90.3	90.4	90.5	90.5	90.5	90.5
≥ 1800	34.0	67.4	72.1	78.5	83.8	86.1	88.2	89.7	89.9	90.8	91.2	91.2	91.3	91.4	91.4	91.4
≥ 1500	34.2	68.0	72.9	79.7	85.0	87.5	89.7	91.2	91.4	92.5	92.9	93.0	93.1	93.1	93.1	93.1
≥ 1200	34.2	68.7	74.0	80.9	86.3	88.7	91.1	92.7	92.9	94.1	94.4	94.5	94.6	94.6	94.6	94.6
≥ 1000	34.4	69.2	74.5	81.6	86.9	89.6	92.2	93.8	94.1	95.2	95.6	95.7	95.8	95.8	95.8	95.8
≥ 900	34.4	69.3	74.7	81.9	87.4	90.1	92.7	94.4	94.6	95.8	96.2	96.3	96.3	96.4	96.4	96.4
≥ 800	34.4	69.4	74.8	82.2	87.6	90.4	93.2	95.0	95.3	96.5	96.9	96.9	97.1	97.1	97.1	97.1
≥ 700	34.4	69.5	75.0	82.5	88.0	90.8	93.9	95.8	96.1	97.4	97.8	97.8	98.0	98.2	98.2	98.2
≥ 600	34.4	69.5	75.0	82.6	88.1	91.0	94.1	96.1	96.5	97.7	98.1	98.2	98.4	98.5	98.5	98.5
≥ 500	34.4	69.7	75.2	82.8	88.4	91.3	94.4	96.5	97.0	98.4	98.8	98.9	99.1	99.2	99.2	99.2
≥ 400	34.4	69.8	75.3	82.9	88.4	91.4	94.5	96.8	97.3	98.8	99.2	99.3	99.5	99.6	99.6	99.6
≥ 300	34.4	69.8	75.3	82.9	88.4	91.4	94.6	96.9	97.4	98.9	99.5	99.5	99.7	99.9	99.9	99.9
≥ 200	34.4	69.8	75.3	82.9	88.4	91.4	94.6	96.9	97.4	98.9	99.5	99.6	99.9	100.0	100.0	100.0
≥ 100	34.4	69.8	75.3	82.9	88.4	91.4	94.6	96.9	97.4	98.9	99.5	99.6	99.9	100.0	100.0	100.0
≥ 0	34.4	69.8	75.3	82.9	88.4	91.4	94.6	96.9	97.4	98.9	99.5	99.6	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1530

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

## CEILING VERSUS VISIBILITY

43310  
STATION

FUKUOKA KYUSHU JAPAN/ITAZUKE AB  
STATION NAME

48-64  
YEARS

APR  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	25.7	32.6	33.4	34.4	34.7	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9
IV 20000	31.0	42.7	43.8	45.1	45.6	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
IV 18000	32.0	44.3	45.4	46.9	47.5	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
IV 16000	33.0	45.7	46.9	48.4	49.0	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
IV 14000	34.4	47.8	49.1	50.8	51.4	51.7	51.8	51.9	51.9	51.9	52.0	52.0	52.0	52.0	52.0	52.0
IV 12000	35.2	49.9	51.4	53.2	53.9	54.2	54.5	54.6	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.7
IV 10000	36.7	52.9	54.7	56.9	57.8	58.2	58.5	58.7	58.7	58.8	58.9	58.9	58.9	58.9	58.9	58.9
IV 9000	37.1	53.7	55.6	57.9	58.8	59.2	59.5	59.8	59.8	59.9	60.1	60.1	60.1	60.1	60.1	60.1
IV 8000	38.0	55.2	57.1	59.7	60.7	61.0	61.6	61.9	61.9	62.0	62.2	62.2	62.2	62.2	62.2	62.2
IV 7000	39.0	56.7	58.9	61.8	62.8	63.3	63.9	64.2	64.2	64.2	64.5	64.5	64.5	64.5	64.5	64.5
IV 6000	39.2	57.3	59.5	62.5	63.6	64.1	64.8	65.3	65.3	65.5	65.8	65.8	65.8	65.8	65.8	65.8
IV 5000	40.8	60.1	62.6	65.6	66.9	67.5	68.3	68.9	68.9	69.1	69.3	69.3	69.3	69.3	69.3	69.3
IV 4500	41.0	60.7	63.3	66.5	67.8	68.6	69.4	70.0	70.0	70.2	70.5	70.5	70.5	70.5	70.5	70.5
IV 4000	44.5	64.8	67.5	71.0	72.4	73.3	74.1	74.8	74.8	75.0	75.3	75.3	75.3	75.3	75.3	75.3
IV 3500	46.1	67.3	70.1	73.7	75.2	76.1	77.0	77.7	77.7	77.9	78.2	78.2	78.2	78.2	78.2	78.2
IV 3000	47.7	70.1	73.2	77.1	78.8	79.9	80.9	81.7	81.7	81.9	82.2	82.2	82.2	82.2	82.2	82.2
IV 2500	48.8	72.4	75.7	79.9	81.7	82.8	84.0	84.9	85.0	85.2	85.5	85.5	85.6	85.6	85.6	85.6
IV 2000	50.4	75.6	79.2	83.8	85.8	86.9	88.3	89.3	89.3	89.5	89.9	89.9	89.9	89.9	89.9	89.9
IV 1800	50.7	76.6	80.2	84.9	86.9	88.1	89.7	90.7	90.8	91.0	91.3	91.3	91.4	91.4	91.4	91.4
IV 1500	51.2	78.2	81.8	86.7	88.8	89.9	91.8	93.0	93.1	93.5	93.9	93.9	93.9	94.0	94.0	94.0
IV 1200	51.4	79.2	83.3	88.3	90.5	92.0	93.9	95.2	95.4	95.7	96.1	96.1	96.1	96.2	96.2	96.2
IV 1000	51.4	79.7	83.9	89.0	91.2	92.7	94.8	96.1	96.3	96.7	97.1	97.1	97.2	97.3	97.3	97.3
IV 900	51.4	79.9	84.0	89.3	91.5	93.1	95.1	96.5	96.6	97.0	97.5	97.5	97.6	97.6	97.6	97.6
IV 800	51.4	79.9	84.1	89.4	91.6	93.3	95.4	96.7	96.9	97.3	97.8	97.8	97.8	97.9	97.9	97.9
IV 700	51.4	80.0	84.2	89.5	91.8	93.5	95.8	97.2	97.3	97.7	98.2	98.2	98.3	98.4	98.4	98.4
IV 600	51.4	80.0	84.2	89.5	91.8	93.6	95.9	97.5	97.6	98.0	98.6	98.6	98.6	98.7	98.7	98.7
IV 500	51.4	80.0	84.2	89.6	92.0	93.9	96.3	98.0	98.2	98.9	99.4	99.4	99.5	99.5	99.5	99.5
IV 400	51.4	80.0	84.2	89.7	92.1	94.0	96.5	98.2	98.4	99.2	99.7	99.7	99.7	99.8	99.8	99.8
IV 300	51.4	80.0	84.2	89.7	92.1	94.0	96.5	98.2	98.4	99.2	99.8	99.8	99.9	99.9	99.9	99.9
IV 200	51.4	80.0	84.2	89.7	92.1	94.0	96.5	98.2	98.5	99.3	99.9	99.9	99.9	100.0	100.0	100.0
IV 100	51.4	80.0	84.2	89.7	92.1	94.0	96.5	98.2	98.5	99.3	99.9	99.9	99.9	100.0	100.0	100.0
IV 0	51.4	80.0	84.2	89.7	92.1	94.0	96.5	98.2	98.5	99.3	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1530

1210WS FORM 0-14-5 (Det 50) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

## CEILING VERSUS VISIBILITY

43310  
STATION

FUKUGA KYUSHU JAPAN/ITAZUKE AB  
STATION NAME

48-64  
YEARS

APR  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	24.8	32.7	33.5	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1
≥ 20000	30.9	43.1	44.3	45.4	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
≥ 18000	31.3	44.6	45.9	47.0	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
≥ 16000	32.5	46.5	47.8	48.9	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 14000	33.5	48.3	50.0	51.2	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
≥ 12000	34.2	50.1	51.8	53.5	53.8	53.9	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
≥ 10000	35.9	52.9	54.8	56.7	57.1	57.3	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
≥ 9000	36.3	53.9	56.1	58.1	58.6	58.8	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
≥ 8000	37.3	55.6	58.0	60.2	60.8	61.2	61.8	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 7000	38.0	57.1	59.6	61.9	62.5	62.9	63.5	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 6000	38.5	58.0	60.7	63.2	63.8	64.2	65.0	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 5000	40.5	60.9	63.7	66.3	67.2	67.8	68.5	68.8	68.8	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 4500	41.1	62.1	64.9	67.6	68.6	69.3	70.0	70.4	70.4	70.6	70.7	70.7	70.7	70.7	70.7	70.7
≥ 4000	44.6	66.5	69.4	72.7	73.9	74.6	75.4	75.8	75.8	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 3500	46.1	69.5	72.7	76.4	77.5	78.3	79.2	79.7	79.7	79.9	80.0	80.0	80.0	80.0	80.0	80.0
≥ 3000	47.8	72.2	75.5	79.5	81.1	82.0	82.9	83.9	83.9	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 2500	48.8	74.2	78.0	82.5	84.3	85.2	86.2	87.3	87.3	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 2000	49.5	76.3	80.2	85.0	87.2	88.1	89.2	90.3	90.3	90.9	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1800	49.9	76.9	80.8	85.8	88.0	89.0	90.2	91.3	91.3	91.9	92.0	92.0	92.0	92.0	92.0	92.0
≥ 1500	50.0	77.6	81.6	86.7	89.3	90.6	91.9	93.3	93.5	94.4	94.5	94.5	94.5	94.5	94.5	94.5
≥ 1200	50.0	78.1	82.4	87.6	90.2	91.8	93.2	94.8	95.0	95.9	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1000	50.0	78.3	82.6	87.8	90.5	92.2	93.7	95.3	95.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6
≥ 900	50.0	78.4	82.9	88.2	90.8	92.6	94.1	95.7	95.9	96.9	97.1	97.1	97.1	97.1	97.1	97.1
≥ 800	50.0	78.5	83.0	88.5	91.1	92.9	94.5	96.2	96.4	97.5	97.6	97.6	97.6	97.6	97.6	97.6
≥ 700	50.0	78.6	83.1	88.6	91.2	93.2	94.8	96.5	96.7	97.8	97.9	98.0	98.0	98.0	98.0	98.0
≥ 600	50.0	78.6	83.1	88.6	91.4	93.5	95.2	96.9	97.2	98.3	98.4	98.5	98.6	98.6	98.6	98.6
≥ 500	50.0	78.6	83.1	88.6	91.5	93.7	95.4	97.5	97.8	99.0	99.2	99.2	99.3	99.3	99.3	99.3
≥ 400	50.0	78.6	83.1	88.6	91.5	93.7	95.5	97.6	98.0	99.3	99.6	99.7	99.8	99.8	99.8	99.8
≥ 300	50.0	78.6	83.1	88.6	91.5	93.7	95.5	97.7	98.1	99.5	99.7	99.8	99.9	99.9	99.9	99.9
≥ 200	50.0	78.6	83.1	88.6	91.5	93.7	95.5	97.7	98.2	99.5	99.8	99.9	100.0	100.0	100.0	100.0
≥ 100	50.0	78.6	83.1	88.6	91.5	93.7	95.5	97.7	98.2	99.5	99.8	99.9	100.0	100.0	100.0	100.0
≥ 0	50.0	78.6	83.1	88.6	91.5	93.7	95.5	97.7	98.2	99.5	99.8	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1530

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

## CEILING VERSUS VISIBILITY

43310  
STATION

FUKUOKA KYUSHU JAPAN/ITAZUKE AB  
STATION NAME

48-64  
YEARS

APR  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	> ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	14.2	28.4	30.8	32.4	33.8	34.4	34.5	34.5	34.6	34.7	34.7	34.7	34.7	34.8	34.8	34.8
≥ 20000	17.1	35.8	39.5	42.2	44.7	45.6	45.9	46.1	46.2	46.5	46.6	46.6	46.7	46.7	46.7	46.7
≥ 18000	17.3	36.5	40.7	43.5	46.3	47.2	47.5	47.7	47.8	48.0	48.2	48.2	48.2	48.3	48.3	48.3
≥ 16000	17.3	37.2	41.8	44.8	47.8	48.8	49.1	49.3	49.3	49.6	49.7	49.7	49.8	49.9	49.9	49.9
≥ 14000	18.0	38.6	43.5	47.0	50.5	51.7	52.2	52.5	52.6	52.9	53.1	53.1	53.1	53.2	53.2	53.2
≥ 12000	18.1	39.3	44.6	48.4	52.4	54.0	54.5	55.0	55.1	55.6	55.8	55.8	55.9	55.9	55.9	55.9
≥ 10000	18.4	41.7	47.8	52.0	56.3	58.0	58.7	59.3	59.4	60.5	60.7	60.7	60.8	60.8	60.8	60.8
≥ 9000	18.5	42.2	48.6	52.9	57.3	59.0	59.7	60.3	60.5	61.6	61.8	61.8	61.9	62.0	62.0	62.0
≥ 8000	19.0	43.2	50.3	54.9	59.4	61.1	61.9	62.5	62.7	63.9	64.2	64.2	64.2	64.3	64.3	64.3
≥ 7000	19.3	44.6	52.0	57.1	61.8	63.7	64.6	65.4	65.5	66.7	67.0	67.0	67.1	67.1	67.1	67.1
≥ 6000	19.5	45.4	53.1	58.4	63.1	65.0	66.1	67.0	67.1	68.4	68.6	68.6	68.8	68.8	68.8	68.8
≥ 5000	20.2	47.0	54.7	60.7	65.5	67.6	68.8	69.7	69.9	71.2	71.4	71.4	71.7	71.8	71.8	71.8
≥ 4500	20.6	47.8	55.6	61.6	66.6	68.7	69.9	71.0	71.2	72.5	72.7	72.7	73.0	73.1	73.1	73.1
≥ 4000	21.4	50.5	58.5	64.8	70.4	72.5	74.1	75.3	75.6	76.9	77.2	77.2	77.5	77.5	77.5	77.5
≥ 3500	22.2	52.7	60.9	67.3	73.0	75.3	76.9	78.4	78.6	80.0	80.3	80.3	80.5	80.6	80.6	80.6
≥ 3000	22.9	55.4	63.7	70.1	76.0	78.4	80.4	81.9	82.2	83.6	83.9	83.9	84.2	84.3	84.3	84.3
≥ 2500	23.5	57.5	66.0	72.7	78.8	81.3	83.5	85.1	85.4	86.9	87.3	87.3	87.6	87.7	87.7	87.7
≥ 2000	23.7	59.1	67.8	74.6	80.6	83.4	85.8	87.5	87.9	89.5	89.9	89.9	90.2	90.3	90.3	90.3
≥ 1800	23.7	59.3	68.2	75.0	81.3	83.9	86.3	88.2	88.6	90.2	90.6	90.6	91.0	91.0	91.0	91.0
≥ 1500	23.7	59.5	68.4	75.6	82.2	85.0	87.5	89.7	90.1	92.0	92.4	92.4	92.9	92.9	92.9	92.9
≥ 1200	23.9	59.8	69.0	76.2	83.1	86.1	88.8	91.1	91.5	93.5	93.9	93.9	94.4	94.6	94.6	94.6
≥ 1000	24.0	60.3	69.7	77.3	84.4	87.4	90.1	92.4	92.8	94.8	95.3	95.4	95.9	96.0	96.0	96.0
≥ 900	24.0	60.3	69.7	77.5	84.7	87.7	90.4	92.7	93.1	95.2	95.6	95.7	96.2	96.3	96.3	96.3
≥ 800	24.0	60.3	70.0	78.0	85.3	88.3	91.0	93.4	93.8	95.8	96.3	96.3	96.9	97.0	97.0	97.0
≥ 700	24.0	60.3	70.1	78.1	85.5	88.6	91.4	93.9	94.2	96.3	96.7	96.9	97.4	97.6	97.6	97.6
≥ 600	24.0	60.3	70.1	78.1	85.6	88.8	91.7	94.2	94.7	96.8	97.4	97.5	98.0	98.2	98.2	98.3
≥ 500	24.0	60.3	70.1	78.1	85.7	89.1	92.2	94.9	95.4	97.5	98.1	98.2	98.8	99.0	99.0	99.0
≥ 400	24.0	60.3	70.1	78.2	85.8	89.2	92.4	95.2	95.8	97.9	98.6	98.7	99.2	99.4	99.4	99.5
≥ 300	24.0	60.3	70.1	78.2	85.8	89.3	92.5	95.4	95.9	98.1	98.8	99.0	99.5	99.7	99.7	99.7
≥ 200	24.0	60.3	70.1	78.2	85.8	89.3	92.5	95.4	95.9	98.2	99.0	99.1	99.6	99.8	99.8	99.8
≥ 100	24.0	60.3	70.1	78.2	85.8	89.3	92.5	95.4	95.9	98.2	99.1	99.2	99.7	99.9	99.9	100.0
≥ 0	24.0	60.3	70.1	78.2	85.8	89.3	92.5	95.4	95.9	98.2	99.1	99.2	99.7	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 1530

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

## CEILING VERSUS VISIBILITY

43310 FUKUCKA KYUSHU JAPAN/ITAZUKE AB 48-64

APR

STATION

STATION NAME

YEARS

MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	$\geq 10$	$\geq 6$	$\geq 5$	$\geq 4$	$\geq 3$	$\geq 2\frac{1}{2}$	$\geq 2$	$\geq 1\frac{1}{2}$	$\geq 1\frac{1}{4}$	$\geq 1$	$\geq \frac{3}{4}$	$\geq \frac{1}{2}$	$\geq \frac{1}{4}$	$\geq \frac{1}{8}$	$\geq \frac{1}{16}$	$\geq 0$
NO CEILING	7.5	28.8	33.1	38.6	40.5	41.6	42.4	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
$\geq 20000$	8.2	33.4	39.1	45.8	48.1	49.4	50.1	50.3	50.3	50.5	50.5	50.5	50.5	50.5	50.5	50.5
$\geq 18000$	8.4	34.0	39.7	46.5	48.8	50.2	50.9	51.1	51.1	51.3	51.3	51.3	51.3	51.3	51.3	51.3
$\geq 16000$	8.4	34.5	40.3	47.2	49.6	51.0	51.7	51.9	51.9	52.1	52.1	52.1	52.1	52.1	52.1	52.1
$\geq 14000$	8.6	35.2	41.2	48.2	50.9	52.5	53.3	53.5	53.5	53.7	53.7	53.7	53.7	53.7	53.7	53.7
$\geq 12000$	8.6	36.1	43.1	50.4	53.3	55.0	55.9	56.1	56.1	56.3	56.3	56.3	56.3	56.3	56.3	56.3
$\geq 10000$	9.0	38.4	45.9	53.6	57.1	58.9	60.1	60.5	60.5	61.2	61.2	61.2	61.2	61.2	61.2	61.2
$\geq 9000$	9.0	38.6	46.0	53.7	57.5	59.3	60.8	61.1	61.1	61.8	61.8	61.8	61.8	61.9	61.9	61.9
$\geq 8000$	9.9	39.9	47.8	55.6	59.7	61.6	63.1	63.4	63.4	64.1	64.1	64.1	64.2	64.2	64.2	64.2
$\geq 7000$	10.1	41.2	49.7	57.8	62.0	63.9	65.4	65.8	65.8	66.5	66.5	66.5	66.5	66.5	66.5	66.5
$\geq 6000$	10.5	42.4	50.9	59.4	63.7	65.6	67.1	67.6	67.6	68.4	68.4	68.4	68.4	68.4	68.4	68.4
$\geq 5000$	10.8	45.0	53.9	62.9	67.4	69.4	71.0	71.6	71.6	72.3	72.3	72.3	72.4	72.4	72.4	72.4
$\geq 4500$	11.4	46.3	55.2	64.4	69.0	71.0	72.6	73.2	73.2	73.9	73.9	73.9	74.0	74.0	74.0	74.0
$\geq 4000$	12.0	49.1	58.5	68.0	72.9	75.0	76.7	77.3	77.4	78.2	78.2	78.2	78.3	78.3	78.3	78.3
$\geq 3500$	12.4	51.6	61.5	71.2	76.5	78.6	80.5	81.3	81.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
$\geq 3000$	12.5	53.8	63.9	73.9	79.4	81.6	83.5	84.5	84.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8
$\geq 2500$	12.8	55.9	66.2	76.4	82.1	84.2	86.3	87.3	87.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6
$\geq 2000$	13.1	57.3	67.8	78.4	84.3	86.6	89.5	90.7	90.8	91.9	91.9	91.9	92.0	92.0	92.0	92.0
$\geq 1800$	13.1	57.6	68.0	78.8	84.7	87.0	89.9	91.0	91.2	92.3	92.3	92.3	92.4	92.4	92.4	92.4
$\geq 1500$	13.1	57.8	68.6	79.5	85.4	87.6	90.7	91.8	92.0	93.1	93.1	93.1	93.4	93.4	93.4	93.4
$\geq 1200$	13.3	58.5	69.3	80.5	86.5	89.0	92.0	93.2	93.3	94.6	94.6	94.6	94.9	94.9	94.9	94.9
$\geq 1000$	13.3	59.3	70.1	81.6	87.6	90.2	93.3	94.5	94.6	95.9	95.9	95.9	96.3	96.3	96.3	96.3
$\geq 900$	13.3	59.3	70.1	81.6	87.7	90.3	93.5	94.6	94.8	96.1	96.1	96.1	96.5	96.5	96.5	96.5
$\geq 800$	13.3	59.4	70.3	81.9	88.1	90.7	93.9	95.0	95.2	96.5	96.5	96.5	96.9	96.9	96.9	96.9
$\geq 700$	13.3	59.5	70.4	82.0	88.2	90.8	94.1	95.3	95.4	96.8	96.8	96.8	97.1	97.1	97.1	97.1
$\geq 600$	13.4	59.6	70.6	82.2	88.5	91.4	94.6	95.8	95.9	97.3	97.3	97.3	97.6	97.6	97.6	97.6
$\geq 500$	13.4	60.0	71.0	82.7	89.3	92.2	95.4	96.7	96.9	98.3	98.4	98.4	98.7	98.7	98.7	98.7
$\geq 400$	13.4	60.0	71.1	83.0	89.6	92.6	95.9	97.2	97.3	98.8	98.8	98.8	99.2	99.2	99.2	99.2
$\geq 300$	13.4	60.1	71.2	83.1	89.7	92.7	96.1	97.5	97.6	99.2	99.3	99.3	99.6	99.6	99.6	99.6
$\geq 200$	13.4	60.1	71.2	83.1	89.7	92.7	96.1	97.5	97.6	99.2	99.3	99.3	99.7	99.7	99.7	99.7
$\geq 100$	13.4	60.1	71.2	83.1	89.7	92.7	96.1	97.5	97.6	99.2	99.4	99.4	99.7	99.8	99.8	99.8
$\geq 0$	13.4	60.1	71.2	83.1	89.7	92.7	96.1	97.5	97.6	99.2	99.4	99.4	99.7	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 1530

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

## CEILING VERSUS VISIBILITY

4331C  
STATION

FUKUOKA KYUSHU JAPAN/ITAZUKE AB  
STATION NAME

47-64  
YEARS

MAY  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-020  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	4.4	29.5	34.9	39.1	41.2	41.6	42.2	42.4	42.4	42.5	42.5	42.5	42.5	42.6	42.7	42.7
≥ 20000	4.9	33.9	41.4	46.7	49.2	49.7	50.4	50.7	50.7	50.9	50.9	50.9	50.9	51.0	51.0	51.1
≥ 18000	4.9	34.2	41.7	47.0	49.5	50.1	51.0	51.2	51.3	51.4	51.4	51.4	51.4	51.5	51.6	51.6
≥ 16000	4.9	34.8	42.5	47.8	50.4	50.9	51.8	52.0	52.1	52.3	52.3	52.3	52.3	52.4	52.4	52.4
≥ 14000	5.0	36.4	44.3	49.7	52.4	52.9	53.8	54.1	54.2	54.5	54.5	54.5	54.5	54.6	54.7	54.7
≥ 12000	5.3	38.7	47.0	52.9	55.7	56.6	57.6	57.9	58.0	58.4	58.4	58.4	58.4	58.5	58.5	58.5
≥ 10000	5.6	40.5	49.3	55.5	59.1	60.2	61.2	61.5	61.6	62.1	62.1	62.1	62.1	62.2	62.2	62.3
≥ 9000	5.6	41.6	50.7	57.2	60.9	61.9	63.1	63.4	63.5	64.0	64.0	64.0	64.0	64.1	64.1	64.2
≥ 8000	5.9	43.1	52.3	59.0	62.8	63.9	65.1	65.5	65.6	66.1	66.1	66.1	66.1	66.2	66.2	66.2
≥ 7000	6.2	44.6	54.4	61.3	65.2	66.5	68.0	68.3	68.5	69.0	69.0	69.0	69.0	69.1	69.1	69.2
≥ 6000	6.4	45.6	55.5	62.5	66.5	67.8	69.4	69.8	69.9	70.4	70.4	70.4	70.5	70.5	70.5	70.6
≥ 5000	6.8	47.4	57.6	64.9	68.9	70.1	71.7	72.2	72.3	72.9	72.9	72.9	72.9	73.0	73.0	73.1
≥ 4500	7.2	48.6	58.8	66.2	70.3	71.6	73.2	73.6	73.7	74.3	74.3	74.3	74.4	74.4	74.5	74.6
≥ 4000	7.5	50.4	60.9	68.6	72.7	74.0	75.6	76.0	76.1	76.9	76.9	76.9	77.0	77.1	77.1	77.1
≥ 3500	8.1	52.2	63.1	71.6	75.7	77.1	79.0	79.5	79.6	80.4	80.4	80.4	80.5	80.6	80.6	80.6
≥ 3000	8.5	54.3	65.5	74.2	78.4	79.8	82.0	82.6	82.7	83.6	83.6	83.6	83.7	83.8	83.8	83.8
≥ 2500	8.8	55.7	67.1	76.3	80.6	82.3	84.7	85.4	85.5	86.3	86.3	86.3	86.4	86.5	86.5	86.6
≥ 2000	9.0	56.8	68.3	77.6	82.2	83.9	86.4	87.1	87.3	88.2	88.2	88.2	88.3	88.4	88.4	88.4
≥ 1800	9.2	57.3	69.1	78.5	83.2	84.9	87.5	88.2	88.4	89.2	89.2	89.2	89.4	89.4	89.4	89.5
≥ 1500	9.2	57.8	69.8	79.5	84.5	86.3	88.9	89.7	89.8	90.9	90.9	90.9	91.0	91.1	91.1	91.2
≥ 1200	9.2	59.0	71.1	80.9	86.1	87.8	90.7	91.6	91.8	92.9	93.0	93.0	93.1	93.1	93.1	93.2
≥ 1000	9.2	59.3	71.4	81.5	86.9	88.6	91.7	92.7	92.9	94.1	94.1	94.1	94.3	94.3	94.3	94.4
≥ 900	9.2	59.4	71.6	81.7	87.2	89.1	92.2	93.2	93.4	94.6	94.7	94.7	94.8	94.9	94.9	94.9
≥ 800	9.2	59.6	71.9	82.2	87.8	89.7	93.0	94.0	94.1	95.3	95.4	95.4	95.6	95.6	95.6	95.7
≥ 700	9.2	59.7	72.0	82.4	87.9	90.1	93.4	94.6	94.7	96.0	96.1	96.1	96.2	96.3	96.3	96.4
≥ 600	9.2	60.0	72.3	82.8	88.5	90.7	94.1	95.5	95.8	97.0	97.1	97.1	97.3	97.4	97.4	97.4
≥ 500	9.2	60.2	72.5	83.1	88.9	91.2	94.8	96.4	96.6	97.8	98.0	98.0	98.1	98.2	98.2	98.3
≥ 400	9.2	60.4	72.7	83.3	89.3	91.6	95.2	96.8	97.1	98.6	98.8	98.8	99.0	99.0	99.0	99.1
≥ 300	9.2	60.5	72.8	83.4	89.4	91.7	95.4	97.1	97.3	98.9	99.1	99.2	99.3	99.4	99.4	99.5
≥ 200	9.2	60.5	72.8	83.4	89.4	91.8	95.5	97.1	97.4	98.9	99.5	99.5	99.7	99.8	99.8	99.9
≥ 100	9.2	60.5	72.8	83.4	89.4	91.8	95.5	97.1	97.4	98.9	99.5	99.5	99.7	99.8	99.8	99.9
≥ 0	9.2	60.5	72.8	83.4	89.4	91.8	95.5	97.1	97.4	98.9	99.5	99.5	99.7	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 1674

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

## CEILING VERSUS VISIBILITY

43310

FUKUGKA KYUSHU JAPAN/ITAZUKE AB

47-64

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0300-0500  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	4.3	26.3	31.1	34.6	37.5	38.3	39.2	39.4	39.5	39.7	39.7	39.8	39.8	39.8	39.8	39.8
≥ 20000	4.5	30.8	36.9	41.8	45.1	46.1	47.1	47.4	47.6	47.7	47.7	47.8	47.8	47.8	47.8	47.8
≥ 18000	4.5	31.1	37.5	42.4	45.8	46.9	47.9	48.3	48.4	48.6	48.6	48.7	48.7	48.7	48.7	48.7
≥ 16000	4.5	31.9	38.4	43.4	46.8	47.9	48.9	49.3	49.4	49.6	49.6	49.7	49.7	49.7	49.7	49.8
≥ 14000	4.5	33.0	39.8	44.8	48.3	49.4	50.5	51.1	51.2	51.4	51.4	51.5	51.5	51.5	51.5	51.6
≥ 12000	4.6	35.4	42.7	48.6	52.3	53.6	54.8	55.4	55.6	55.8	55.9	55.9	55.9	55.9	55.9	56.0
≥ 10000	4.7	37.5	45.6	51.9	55.9	57.4	58.7	59.4	59.5	59.8	59.9	59.9	59.9	59.9	59.9	60.0
≥ 9000	4.8	38.4	46.6	53.2	57.2	58.8	60.1	60.8	60.9	61.2	61.3	61.4	61.4	61.4	61.4	61.4
≥ 8000	4.8	39.7	48.4	55.3	59.6	61.3	62.7	63.4	63.6	63.9	63.9	64.0	64.0	64.0	64.0	64.0
≥ 7000	5.1	40.9	49.9	56.8	61.1	63.0	64.5	65.3	65.4	65.7	65.8	65.8	65.8	65.8	65.8	65.9
≥ 6000	5.4	42.1	51.2	58.2	62.6	64.6	66.2	67.0	67.1	67.4	67.5	67.6	67.6	67.6	67.6	67.6
≥ 5000	5.6	43.7	53.3	60.5	65.1	67.1	68.9	69.8	69.9	70.2	70.2	70.3	70.3	70.3	70.3	70.4
≥ 4500	5.7	44.0	53.8	61.1	65.7	67.7	69.7	70.5	70.6	70.9	71.0	71.0	71.0	71.0	71.0	71.1
≥ 4000	6.2	46.2	56.0	63.6	68.3	70.4	72.3	73.2	73.3	73.6	73.7	73.7	73.7	73.7	73.7	73.8
≥ 3500	6.5	48.6	59.3	67.1	71.9	74.2	76.2	77.2	77.4	77.7	77.7	77.8	77.8	77.8	77.8	77.8
≥ 3000	6.8	51.1	62.4	70.5	75.9	78.4	80.6	81.7	81.8	82.1	82.2	82.3	82.3	82.3	82.3	82.3
≥ 2500	6.9	52.5	64.5	72.6	78.3	80.7	83.0	84.1	84.2	84.6	84.7	84.8	84.8	84.8	84.8	84.8
≥ 2000	7.2	53.6	65.8	74.6	80.3	82.9	85.5	86.6	86.8	87.3	87.3	87.4	87.4	87.4	87.4	87.5
≥ 1800	7.2	53.9	66.4	75.1	81.1	83.6	86.3	87.4	87.6	88.1	88.1	88.2	88.2	88.2	88.2	88.2
≥ 1500	7.2	54.8	67.4	76.3	82.5	85.2	88.0	89.1	89.2	89.8	89.9	90.0	90.0	90.0	90.0	90.0
≥ 1200	7.2	55.6	68.5	77.5	84.2	87.0	89.9	91.0	91.2	91.9	91.9	92.0	92.0	92.0	92.0	92.1
≥ 1000	7.2	56.0	69.0	78.4	85.6	88.5	91.5	92.7	92.9	93.7	93.7	93.8	93.8	93.8	93.8	93.9
≥ 900	7.2	56.2	69.1	78.7	85.9	88.8	91.9	93.1	93.2	94.0	94.1	94.1	94.2	94.2	94.2	94.3
≥ 800	7.2	56.3	69.5	79.1	86.4	89.4	92.5	93.7	93.9	94.7	94.8	94.9	95.0	95.0	95.0	95.2
≥ 700	7.3	56.7	69.9	79.6	87.0	90.0	93.2	94.5	94.7	95.5	95.6	95.6	95.8	95.8	95.8	95.9
≥ 600	7.3	56.9	70.1	80.0	87.6	90.9	94.1	95.5	95.7	96.7	96.8	96.8	97.0	97.0	97.0	97.1
≥ 500	7.3	56.9	70.2	80.1	87.9	91.2	94.8	96.4	96.6	97.7	97.8	97.8	98.0	98.0	98.0	98.1
≥ 400	7.3	56.9	70.2	80.3	88.3	91.6	95.2	97.0	97.2	98.4	98.5	98.6	98.7	98.7	98.7	98.9
≥ 300	7.3	56.9	70.2	80.3	88.3	91.6	95.3	97.1	97.4	98.9	99.0	99.0	99.2	99.2	99.2	99.3
≥ 200	7.3	56.9	70.2	80.3	88.3	91.6	95.3	97.1	97.5	99.0	99.2	99.2	99.4	99.4	99.4	99.6
≥ 100	7.3	56.9	70.2	80.3	88.3	91.6	95.4	97.2	97.6	99.1	99.2	99.3	99.5	99.5	99.5	99.6
≥ 0	7.3	56.9	70.2	80.3	88.3	91.6	95.4	97.2	97.6	99.1	99.2	99.3	99.5	99.5	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 1674

1210W5 FORM JUL 64 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

## CEILING VERSUS VISIBILITY

43310  
STATION

FUKUOKA KYUSHU JAPAN/ITAZUKE AB  
STATION NAME

47-64  
YEARS

MAY  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0600-0800  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	5.7	18.1	21.4	23.8	26.1	26.7	27.7	28.6	28.7	28.9	29.0	29.0	29.1	29.1	29.1	29.2
≥ 20000	7.1	25.5	30.5	34.4	38.0	39.2	41.0	42.4	42.6	42.9	43.2	43.2	43.3	43.4	43.5	43.6
≥ 18000	7.2	25.7	30.7	34.7	38.5	39.7	41.6	43.0	43.2	43.5	43.8	43.8	43.9	44.0	44.1	44.2
≥ 16000	7.2	25.7	30.9	35.0	39.0	40.3	42.2	43.6	43.8	44.1	44.4	44.4	44.5	44.6	44.7	44.8
≥ 14000	7.4	26.9	32.3	36.6	40.8	42.1	44.4	45.8	46.1	46.4	46.7	46.7	46.9	47.0	47.1	47.3
≥ 12000	7.8	28.8	34.4	39.3	43.6	45.1	47.7	49.4	49.6	50.0	50.4	50.4	50.6	50.7	50.8	51.1
≥ 10000	8.4	30.8	37.2	42.7	47.5	49.4	52.3	54.1	54.4	54.9	55.3	55.4	55.5	55.7	55.8	56.0
≥ 9000	8.5	31.8	38.6	44.3	49.4	51.5	54.4	56.2	56.5	57.1	57.5	57.6	57.7	57.9	58.0	58.2
≥ 8000	9.3	33.8	40.7	46.8	52.2	54.5	57.5	59.5	59.8	60.5	61.0	61.1	61.2	61.4	61.5	61.7
≥ 7000	10.0	35.5	42.6	48.9	54.3	56.7	59.8	62.0	62.3	63.1	63.5	63.6	63.7	63.9	64.0	64.2
≥ 6000	10.5	36.9	44.1	50.4	55.9	58.4	61.5	63.8	64.2	65.2	65.6	65.7	65.8	66.0	66.2	66.3
≥ 5000	11.2	38.7	46.4	52.8	58.6	61.4	64.7	67.1	67.4	68.6	69.2	69.3	69.4	69.6	69.8	69.9
≥ 4500	11.4	39.1	46.8	53.3	59.2	62.0	65.5	67.9	68.3	69.5	70.1	70.2	70.3	70.5	70.7	70.8
≥ 4000	12.3	41.2	49.4	56.1	62.5	65.3	69.0	71.7	72.1	73.4	74.1	74.1	74.2	74.5	74.6	74.8
≥ 3500	12.6	42.9	51.6	58.9	65.6	68.6	72.4	75.2	75.6	77.0	77.6	77.7	77.8	78.1	78.2	78.4
≥ 3000	13.4	45.8	54.9	62.3	69.3	72.6	76.7	79.6	79.9	81.4	82.0	82.1	82.2	82.5	82.6	82.8
≥ 2500	13.9	47.2	56.5	64.1	71.3	75.0	79.3	82.2	82.6	84.1	84.8	84.8	85.0	85.2	85.4	85.5
≥ 2000	14.5	48.3	57.9	65.6	73.2	77.0	81.8	84.9	85.4	87.0	87.7	87.7	87.9	88.2	88.3	88.5
≥ 1800	14.6	48.5	58.2	65.8	73.5	77.2	82.2	85.4	85.8	87.4	88.2	88.3	88.5	88.7	88.9	89.1
≥ 1500	14.6	49.4	59.3	67.2	75.1	79.1	84.2	87.6	88.0	89.6	90.5	90.6	90.7	91.0	91.2	91.3
≥ 1200	14.6	50.1	60.1	68.1	76.2	80.3	85.5	89.1	89.5	91.2	92.2	92.2	92.4	92.6	92.9	93.1
≥ 1000	14.6	50.6	60.6	68.6	76.8	81.0	86.3	90.0	90.5	92.2	93.2	93.4	93.5	93.8	94.0	94.2
≥ 900	14.6	50.7	60.7	68.7	76.9	81.1	86.6	90.3	90.7	92.5	93.5	93.6	93.8	94.0	94.3	94.4
≥ 800	14.6	50.9	60.8	68.9	77.3	81.5	86.9	90.8	91.3	93.1	94.3	94.3	94.5	94.7	95.0	95.2
≥ 700	14.6	50.9	61.0	69.2	77.6	81.8	87.4	91.5	92.0	93.9	95.1	95.2	95.3	95.6	95.8	96.0
≥ 600	14.7	51.0	61.1	69.6	78.2	82.5	88.2	92.6	93.1	95.1	96.4	96.5	96.7	96.9	97.1	97.3
≥ 500	14.7	51.0	61.1	69.6	78.4	82.7	88.5	93.1	93.8	95.9	97.4	97.4	97.6	97.8	98.1	98.3
≥ 400	14.7	51.0	61.1	69.6	78.5	82.8	88.7	93.5	94.3	96.4	98.0	98.0	98.3	98.5	98.8	99.1
≥ 300	14.7	51.0	61.2	69.6	78.5	82.9	88.8	93.7	94.4	96.6	98.4	98.4	98.7	98.9	99.2	99.5
≥ 200	14.7	51.0	61.2	69.6	78.6	83.0	88.9	93.9	94.7	96.8	98.6	98.7	98.9	99.2	99.5	99.7
≥ 100	14.7	51.0	61.2	69.6	78.6	83.0	88.9	93.9	94.7	96.8	98.6	98.7	98.9	99.2	99.5	99.8
≥ 0	14.7	51.0	61.2	69.6	78.6	83.0	88.9	93.9	94.7	96.8	98.6	98.7	98.9	99.2	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 1673



DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

## CEILING VERSUS VISIBILITY

43310  
STATION

FUKUOKA KYUSHU JAPAN/ITAZUKE AB  
STATION NAME

47-64  
YEARS

MAY  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	14.3	26.0	27.1	28.5	29.0	29.2	29.4	29.4	29.4	29.5	29.5	29.5	29.5	29.5	29.5	29.5
≥ 20000	20.3	39.4	41.0	43.8	44.9	45.5	45.9	46.1	46.1	46.2	46.2	46.2	46.2	46.2	46.2	46.2
≥ 18000	20.4	40.1	41.9	44.7	46.0	46.5	47.0	47.2	47.2	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 16000	20.8	41.0	43.0	46.1	47.4	48.0	48.4	48.7	48.7	48.8	48.8	48.8	48.8	48.8	48.8	48.8
≥ 14000	21.3	42.5	44.7	48.0	49.5	50.3	50.8	51.2	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 12000	21.9	44.1	46.5	50.1	51.7	52.5	53.2	53.6	53.6	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 10000	22.9	46.8	49.7	53.8	55.6	56.5	57.2	57.8	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 9000	23.5	48.4	51.5	55.9	57.8	58.7	59.5	60.1	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 8000	24.4	50.8	54.4	59.0	61.0	62.1	63.0	63.7	63.7	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 7000	25.1	52.2	56.0	60.9	63.0	64.2	65.1	65.8	65.8	65.9	66.0	66.0	66.0	66.0	66.0	66.0
≥ 6000	25.3	53.8	57.8	62.7	65.1	66.3	67.1	67.9	67.9	68.0	68.1	68.1	68.1	68.1	68.1	68.1
≥ 5000	26.0	55.6	59.8	65.1	67.6	68.9	69.8	70.6	70.7	70.8	70.9	70.9	70.9	70.9	70.9	70.9
≥ 4500	26.3	56.5	60.9	66.4	69.1	70.5	71.4	72.2	72.2	72.3	72.5	72.5	72.5	72.5	72.5	72.5
≥ 4000	27.4	59.4	63.9	69.5	72.3	73.8	74.7	75.5	75.6	75.7	75.8	75.8	75.8	75.8	75.8	75.8
≥ 3500	28.9	61.9	66.5	72.8	75.8	77.2	78.3	79.0	79.1	79.3	79.4	79.4	79.5	79.5	79.5	79.5
≥ 3000	30.0	64.0	68.8	75.5	78.6	80.1	81.2	82.0	82.1	82.3	82.6	82.6	82.6	82.6	82.6	82.6
≥ 2500	30.8	66.1	71.4	78.6	82.0	83.7	85.1	86.1	86.1	86.4	86.6	86.6	86.7	86.7	86.7	86.7
≥ 2000	31.6	67.9	73.4	81.1	84.9	86.6	88.2	89.3	89.4	89.7	89.9	89.9	90.0	90.0	90.0	90.0
≥ 800	31.8	68.2	73.9	81.7	85.5	87.3	89.0	90.1	90.2	90.4	90.7	90.7	90.8	90.8	90.8	90.8
≥ 1500	32.1	69.5	75.4	83.4	87.3	89.2	90.9	92.0	92.1	92.4	92.7	92.7	92.8	92.8	92.8	92.8
≥ 1200	32.3	70.2	76.1	84.2	88.4	90.3	92.1	93.2	93.4	93.8	94.1	94.1	94.2	94.2	94.2	94.2
≥ 1000	32.3	71.1	77.1	85.4	89.7	91.7	93.7	95.1	95.3	95.6	95.9	95.9	96.1	96.1	96.1	96.1
≥ 900	32.3	71.2	77.2	85.6	90.0	92.0	94.1	95.5	95.8	96.1	96.4	96.4	96.5	96.5	96.5	96.5
≥ 800	32.3	71.2	77.2	85.7	90.3	92.4	94.6	96.1	96.4	96.7	97.0	97.0	97.1	97.1	97.1	97.1
≥ 700	32.4	71.4	77.4	86.0	90.7	92.9	95.3	96.8	97.1	97.5	97.8	97.8	97.9	97.9	97.9	97.9
≥ 600	32.4	71.4	77.4	86.1	90.9	93.2	95.7	97.4	97.7	98.1	98.4	98.4	98.5	98.5	98.5	98.5
≥ 500	32.4	71.4	77.4	86.2	91.0	93.4	96.1	97.9	98.3	98.7	99.0	99.0	99.1	99.1	99.1	99.1
≥ 400	32.4	71.5	77.5	86.3	91.1	93.5	96.2	98.1	98.5	99.0	99.4	99.4	99.5	99.5	99.5	99.5
≥ 300	32.4	71.5	77.5	86.3	91.2	93.5	96.3	98.3	98.7	99.3	99.6	99.6	99.8	99.8	99.8	99.8
≥ 200	32.4	71.5	77.5	86.3	91.2	93.5	96.4	98.5	98.9	99.5	99.8	99.8	100.0	100.0	100.0	100.0
≥ 100	32.4	71.5	77.5	86.3	91.2	93.5	96.4	98.5	98.9	99.5	99.8	99.8	100.0	100.0	100.0	100.0
≥ 0	32.4	71.5	77.5	86.3	91.2	93.5	96.4	98.5	98.9	99.5	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1674

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

## CEILING VERSUS VISIBILITY

43310  
STATION

FUKUOKA KYUSHU JAPAN/ITAZUKE AB  
STATION NAME

47-64  
YEARS

MAY  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	21.1	28.9	29.2	30.0	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3
≥ 20000	31.2	44.7	46.1	47.7	48.3	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 18000	31.8	46.0	47.6	49.3	50.0	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
≥ 16000	32.7	47.6	49.3	51.0	51.7	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
≥ 14000	33.6	49.6	51.4	53.4	54.2	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
≥ 12000	35.3	52.3	54.2	56.3	57.2	57.3	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 10000	36.6	54.9	56.9	59.3	60.2	60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
≥ 9000	36.9	55.5	57.7	60.3	61.5	61.8	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 8000	38.2	58.3	60.6	63.7	65.0	65.4	65.5	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 7000	38.4	59.6	61.9	65.0	66.8	67.3	67.4	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 6000	39.4	61.2	63.6	66.7	68.7	69.4	69.5	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 5000	40.3	63.1	65.8	68.9	71.0	71.6	71.8	72.0	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 4500	40.7	64.0	66.7	69.9	72.0	72.7	72.9	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 4000	42.7	67.2	70.4	73.9	76.2	76.9	77.1	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 3500	43.6	69.1	72.6	76.2	78.6	79.5	79.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 3000	45.4	72.2	76.0	79.9	82.5	83.5	83.8	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 2500	46.9	74.9	79.2	83.3	86.1	87.2	87.6	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 2000	47.8	77.4	81.8	86.0	89.2	90.3	90.7	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 1800	47.9	77.5	82.0	86.3	89.6	90.7	91.2	91.6	91.6	91.7	91.8	91.8	91.8	91.8	91.8	91.8
≥ 1500	48.2	78.3	83.1	87.6	91.0	92.2	92.8	93.4	93.4	93.5	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1200	48.6	79.2	84.0	88.5	91.9	93.3	94.0	94.8	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.1
≥ 1000	48.6	79.3	84.3	88.9	92.2	94.0	94.9	95.8	95.8	95.9	96.1	96.1	96.1	96.1	96.1	96.1
≥ 900	48.6	79.6	84.6	89.4	92.9	94.6	95.7	96.7	96.7	96.8	97.1	97.1	97.1	97.1	97.1	97.1
≥ 800	48.6	79.6	84.7	89.6	93.1	94.9	96.0	97.0	97.0	97.1	97.4	97.4	97.4	97.4	97.4	97.4
≥ 700	48.7	79.8	85.0	90.0	93.7	95.5	96.7	97.6	97.7	97.9	98.2	98.2	98.2	98.2	98.2	98.2
≥ 600	48.7	79.9	85.1	90.1	94.1	95.9	97.1	98.1	98.3	98.5	98.9	98.9	99.0	99.0	99.0	99.0
≥ 500	48.7	79.9	85.1	90.3	94.4	96.4	97.6	98.6	98.8	99.0	99.4	99.4	99.5	99.5	99.5	99.5
≥ 400	48.7	79.9	85.1	90.3	94.4	96.4	97.7	98.7	99.0	99.3	99.7	99.7	99.8	99.8	99.8	99.8
≥ 300	48.7	79.9	85.1	90.3	94.5	96.5	97.7	98.7	99.0	99.4	99.8	99.8	99.9	99.9	99.9	99.9
≥ 200	48.7	79.9	85.1	90.3	94.5	96.5	97.7	98.7	99.0	99.4	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	48.7	79.9	85.1	90.3	94.5	96.5	97.7	98.7	99.0	99.4	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	48.7	79.9	85.1	90.3	94.5	96.5	97.7	98.7	99.0	99.4	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1674

1210W5 FORM 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUL 64

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

## CEILING VERSUS VISIBILITY

43310 FUKUOKA KYUSHU JAPAN/ITAZUKE AB

47-64

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	22.2	28.3	29.0	29.3	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6
IV 20000	32.3	44.4	45.8	47.2	47.6	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
IV 18000	33.0	45.5	47.0	48.7	49.2	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
IV 16000	33.6	46.9	48.4	50.0	50.6	50.7	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
IV 14000	35.2	49.9	51.6	53.4	54.1	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
IV 12000	37.0	52.5	54.4	56.6	57.4	57.6	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
IV 10000	38.4	55.3	57.7	59.9	61.0	61.1	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
IV 9000	38.9	56.1	58.6	60.9	62.2	62.3	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
IV 8000	40.5	58.9	61.6	64.4	65.9	66.0	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
IV 7000	40.6	59.9	62.7	65.8	67.4	67.6	68.1	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
IV 6000	41.0	60.8	63.7	67.1	68.8	69.1	69.7	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
IV 5000	41.8	62.4	65.5	68.9	70.7	71.1	71.8	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
IV 4500	42.3	63.2	66.3	69.8	71.6	72.0	72.8	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
IV 4000	43.9	66.1	69.5	73.2	75.1	75.6	76.4	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
IV 3500	45.1	68.3	72.3	76.3	78.6	79.1	79.9	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
IV 3000	46.6	71.0	75.3	79.4	82.0	82.7	83.8	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3
IV 2500	47.3	72.7	77.3	81.8	84.6	85.5	86.9	87.3	87.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5
IV 2000	48.6	75.2	80.2	84.9	87.7	88.9	90.4	90.7	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1
IV 1800	48.8	75.6	80.5	85.2	88.2	89.3	90.8	91.2	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.5
IV 1500	49.2	76.4	81.6	86.5	89.6	90.9	92.5	92.9	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2
IV 1200	49.3	77.4	82.8	87.9	91.0	92.3	94.0	94.6	94.7	95.0	95.0	95.0	95.0	95.0	95.0	95.0
IV 1000	49.4	77.8	83.4	88.7	92.1	93.3	95.1	95.8	95.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IV 900	49.4	77.9	83.6	89.0	92.4	93.7	95.6	96.3	96.4	96.8	96.9	96.9	96.9	96.9	96.9	96.9
IV 800	49.6	78.1	83.7	89.2	92.6	94.0	96.1	96.9	97.0	97.4	97.5	97.5	97.5	97.5	97.5	97.5
IV 700	49.6	78.1	83.8	89.3	93.1	94.4	96.6	97.5	97.7	98.1	98.2	98.2	98.2	98.2	98.2	98.2
IV 600	49.6	78.2	84.0	89.5	93.2	94.7	97.0	98.0	98.1	98.7	98.8	98.8	98.8	98.8	98.8	98.8
IV 500	49.6	78.3	84.0	89.6	93.4	94.8	97.3	98.3	98.4	99.0	99.1	99.1	99.1	99.1	99.1	99.1
IV 400	49.6	78.3	84.0	89.7	93.5	94.9	97.4	98.4	98.6	99.3	99.5	99.5	99.5	99.5	99.5	99.5
IV 300	49.6	78.3	84.0	89.7	93.5	95.0	97.4	98.4	98.7	99.4	99.6	99.6	99.6	99.6	99.6	99.6
IV 200	49.6	78.3	84.0	89.7	93.5	95.0	97.4	98.4	98.7	99.5	99.6	99.6	99.8	99.8	99.8	99.8
IV 100	49.6	78.3	84.0	89.7	93.5	95.0	97.4	98.4	98.7	99.5	99.6	99.6	99.9	99.9	99.9	99.9
IV 0	49.6	78.3	84.0	89.7	93.5	95.0	97.4	98.6	98.8	99.6	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1673

1210WS FORM 0-14-5 (Det 50) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

## CEILING VERSUS VISIBILITY

43310  
STATION

FUKUOKA KYUSHU JAPAN/ITAZUKE AB  
STATION NAME

47-64  
YEARS

MAY  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1800-2000  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	13.8	27.3	29.7	30.8	31.5	31.7	32.0	32.2	32.2	32.3	32.3	32.3	32.3	32.3	32.3	32.3
≥ 20000	18.6	38.8	43.1	45.3	46.6	47.3	47.9	48.3	48.3	48.4	48.4	48.4	48.4	48.4	48.4	48.4
IV 16000	19.1	39.8	44.2	46.6	48.2	48.9	49.6	50.1	50.1	50.2	50.2	50.2	50.2	50.2	50.2	50.2
IV 16000	19.2	40.5	45.2	47.8	49.5	50.3	51.3	51.9	51.9	52.1	52.1	52.1	52.1	52.1	52.1	52.1
IV 14000	20.1	42.8	47.6	50.6	52.5	53.3	54.5	55.2	55.3	55.5	55.5	55.5	55.5	55.5	55.5	55.5
IV 12000	20.9	44.9	50.1	53.7	55.9	56.8	58.1	59.1	59.2	59.7	59.7	59.7	59.7	59.7	59.7	59.7
IV 10000	21.2	46.6	52.1	55.9	58.4	59.5	61.0	62.2	62.3	62.8	62.9	62.9	62.9	62.9	62.9	62.9
IV 9000	21.3	47.5	53.4	57.4	60.0	61.1	62.6	64.0	64.0	64.6	64.6	64.6	64.6	64.6	64.6	64.6
IV 8000	22.0	48.8	54.8	59.2	62.2	63.4	64.9	66.3	66.3	66.9	66.9	66.9	66.9	66.9	66.9	66.9
IV 7000	22.2	49.9	56.2	61.1	64.3	65.7	67.4	68.9	69.0	69.6	69.7	69.7	69.7	69.7	69.7	69.7
IV 6000	22.6	50.9	57.4	62.6	65.9	67.4	69.2	70.8	70.9	71.5	71.6	71.6	71.6	71.6	71.6	71.6
IV 5000	23.1	51.9	58.6	64.4	67.3	69.4	71.5	73.2	73.2	73.9	73.9	73.9	73.9	73.9	73.9	73.9
IV 4500	23.1	52.2	59.1	65.0	68.5	70.1	72.4	74.1	74.2	74.8	75.0	75.0	75.0	75.0	75.0	75.0
IV 4000	23.7	53.9	61.0	67.2	70.8	72.4	75.0	76.8	76.9	77.6	77.8	77.8	77.8	77.8	77.8	77.8
IV 3500	24.0	55.5	62.7	69.2	73.2	74.8	77.5	79.4	79.5	80.2	80.5	80.5	80.5	80.5	80.5	80.5
IV 3000	24.3	57.7	65.5	72.2	76.4	78.2	81.2	83.1	83.3	84.0	84.3	84.3	84.3	84.3	84.3	84.3
IV 2500	24.6	59.0	66.9	73.7	78.3	80.2	83.6	85.8	85.9	86.8	87.0	87.0	87.0	87.0	87.0	87.0
IV 2000	24.8	60.4	68.6	75.7	80.5	82.5	86.0	88.2	88.4	89.4	89.7	89.8	89.8	89.8	89.8	89.8
IV 1800	24.9	60.8	69.0	76.3	81.1	83.0	86.6	88.8	89.0	90.0	90.3	90.4	90.4	90.4	90.4	90.4
IV 1500	25.2	61.7	70.2	77.6	82.5	84.6	88.3	90.6	90.9	92.0	92.3	92.4	92.6	92.6	92.6	92.6
IV 1200	25.2	62.3	71.2	78.9	83.9	86.0	89.8	92.3	92.6	93.7	94.0	94.1	94.4	94.4	94.4	94.4
IV 1000	25.2	62.6	71.5	79.3	84.5	86.7	90.6	93.1	93.4	94.7	95.0	95.2	95.4	95.4	95.4	95.4
IV 900	25.2	62.6	71.5	79.5	84.8	87.1	91.0	93.7	94.0	95.3	95.6	95.8	96.1	96.1	96.1	96.1
IV 800	25.2	62.6	71.5	79.6	84.9	87.4	91.3	94.0	94.3	95.6	95.9	96.1	96.4	96.4	96.4	96.4
IV 700	25.2	62.7	71.6	79.7	84.9	87.6	91.8	94.6	95.0	96.3	96.7	96.8	97.1	97.1	97.1	97.1
IV 600	25.2	62.7	71.6	79.7	85.2	87.9	92.1	95.0	95.5	97.0	97.4	97.5	97.8	97.8	97.8	97.8
IV 500	25.2	62.7	71.6	79.8	85.3	88.1	92.6	95.7	96.2	97.7	98.1	98.3	98.6	98.6	98.6	98.6
IV 400	25.2	62.7	71.6	79.8	85.4	88.2	92.8	96.0	96.5	98.0	98.5	98.6	98.9	98.9	98.9	98.9
IV 300	25.2	62.7	71.6	79.9	85.5	88.3	92.9	96.2	96.7	98.4	99.0	99.2	99.6	99.6	99.6	99.6
IV 200	25.2	62.7	71.6	79.9	85.5	88.3	92.9	96.2	96.8	98.5	99.1	99.3	99.6	99.7	99.7	99.7
IV 100	25.2	62.7	71.6	79.9	85.5	88.3	92.9	96.2	96.8	98.6	99.2	99.4	99.9	99.9	99.9	100.0
IV 0	25.2	62.7	71.6	79.9	85.5	88.3	92.9	96.2	96.8	98.6	99.2	99.4	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 1673

1210WS FORM 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUL 64

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

## CEILING VERSUS VISIBILITY

43310  
STATION

FUKUOKA KYUSHU JAPAN/ITAZUKE AB  
STATION NAME

47-64  
YEARS

MAY  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	5.5	28.6	33.6	37.9	40.1	41.0	41.6	41.8	41.8	41.9	41.9	41.9	41.9	41.9	41.9	41.9
IV 20000	5.9	33.7	40.4	46.7	49.8	50.8	51.5	51.9	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0
IV 18000	6.0	34.0	40.8	47.3	50.7	51.7	52.4	52.7	52.8	52.9	52.9	52.9	52.9	52.9	52.9	52.9
IV 16000	6.1	34.5	41.5	48.0	51.5	52.5	53.2	53.6	53.6	53.8	53.8	53.8	53.8	53.8	53.8	53.8
IV 14000	6.5	36.1	43.5	50.4	53.9	55.0	55.7	56.3	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5
IV 12000	6.6	37.9	45.5	53.0	56.9	58.2	59.1	59.7	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0
IV 10000	6.7	39.7	47.9	55.8	60.1	61.4	62.7	63.4	63.6	63.8	63.8	63.8	63.8	63.9	63.9	63.9
IV 9000	6.7	40.0	48.5	56.6	61.1	62.4	63.6	64.5	64.6	64.8	64.8	64.8	64.8	64.9	64.9	64.9
IV 8000	6.8	41.5	50.4	58.6	63.1	64.6	65.8	66.7	66.8	67.0	67.0	67.0	67.0	67.1	67.1	67.1
IV 7000	7.0	42.4	51.7	60.3	65.3	67.0	68.4	69.2	69.4	69.7	69.7	69.7	69.7	69.8	69.8	69.8
IV 6000	7.3	43.3	52.9	61.9	67.1	68.9	70.3	71.1	71.3	71.6	71.6	71.6	71.6	71.7	71.7	71.7
IV 5000	7.9	44.9	54.9	64.2	69.5	71.3	72.8	73.7	73.8	74.1	74.1	74.1	74.2	74.3	74.3	74.3
IV 4500	8.1	45.5	55.7	65.0	70.3	72.2	73.7	74.8	75.0	75.3	75.3	75.3	75.3	75.4	75.4	75.4
IV 4000	8.3	47.1	57.7	67.4	72.8	74.7	76.3	77.4	77.6	78.0	78.0	78.0	78.1	78.2	78.2	78.2
IV 3500	8.6	49.2	60.2	70.5	76.2	78.2	79.9	80.9	81.1	81.5	81.5	81.5	81.6	81.7	81.7	81.7
IV 3000	8.7	51.0	62.2	72.8	78.4	80.6	82.3	83.6	83.8	84.2	84.2	84.2	84.3	84.4	84.4	84.4
IV 2500	8.8	52.3	63.8	74.8	80.5	83.0	84.7	86.0	86.1	86.6	86.6	86.6	86.7	86.9	86.9	86.9
IV 2000	9.0	54.1	65.8	77.1	82.9	85.6	87.5	88.8	89.1	89.6	89.6	89.6	89.7	89.8	89.8	89.8
IV 1800	9.0	54.7	66.4	77.7	83.6	86.3	88.4	89.7	89.9	90.5	90.5	90.5	90.6	90.7	90.7	90.7
IV 1500	9.0	55.3	67.1	78.5	84.5	87.2	89.5	90.9	91.1	91.7	91.8	91.8	91.9	92.0	92.0	92.0
IV 1200	9.0	55.9	68.0	79.6	85.8	88.6	91.2	92.5	92.8	93.5	93.5	93.5	93.7	93.8	93.8	93.8
IV 1000	9.0	56.3	68.5	80.3	86.9	89.6	92.6	94.0	94.5	95.2	95.4	95.4	95.5	95.6	95.6	95.6
IV 900	9.0	56.3	68.6	80.5	87.4	90.3	93.3	94.7	95.2	95.9	96.2	96.2	96.4	96.5	96.5	96.5
IV 800	9.0	56.6	68.9	80.9	87.9	90.9	93.9	95.3	95.8	96.5	96.8	96.8	97.0	97.1	97.1	97.1
IV 700	9.0	56.8	69.2	81.2	88.2	91.2	94.2	95.6	96.2	96.9	97.2	97.2	97.4	97.5	97.5	97.5
IV 600	9.0	56.8	69.2	81.4	88.4	91.5	94.7	96.2	96.9	97.6	98.0	98.0	98.1	98.3	98.3	98.3
IV 500	9.0	56.8	69.2	81.5	88.6	91.8	95.0	96.7	97.4	98.1	98.5	98.5	98.7	98.8	98.8	98.8
IV 400	9.0	56.8	69.2	81.5	88.6	91.8	95.1	96.8	97.6	98.4	98.9	98.9	99.0	99.2	99.2	99.2
IV 300	9.0	56.8	69.2	81.6	88.7	91.9	95.2	96.9	97.7	98.7	99.2	99.2	99.5	99.6	99.6	99.6
IV 200	9.0	56.8	69.2	81.7	88.8	92.1	95.5	97.1	98.0	99.0	99.6	99.6	99.9	100.0	100.0	100.0
IV 100	9.0	56.8	69.2	81.7	88.8	92.1	95.5	97.1	98.0	99.0	99.6	99.6	99.9	100.0	100.0	100.0
IV 0	9.0	56.8	69.2	81.7	88.8	92.1	95.5	97.1	98.0	99.0	99.6	99.6	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1674

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

## CEILING VERSUS VISIBILITY

43310  
STATION

FUKUOKA KYUSHU JAPAN/ITAZUKE AB  
STATION NAME

47-64  
YEARS

JUN  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0000-020  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	3.8	18.9	23.0	26.9	28.8	30.2	31.4	31.9	31.9	32.0	32.0	32.0	32.0	32.0	32.0	32.0
≥ 20000	4.2	24.3	30.4	35.2	38.0	39.7	41.8	42.8	42.9	43.2	43.3	43.3	43.3	43.3	43.3	43.3
≥ 18000	4.3	25.1	31.4	36.3	39.2	40.9	43.0	44.1	44.2	44.5	44.6	44.6	44.6	44.6	44.6	44.6
≥ 16000	4.4	25.7	32.2	37.2	40.1	41.7	43.9	44.9	45.1	45.4	45.4	45.4	45.4	45.4	45.4	45.4
≥ 14000	4.5	26.8	33.7	39.1	42.2	43.9	46.4	47.7	47.8	48.3	48.3	48.3	48.3	48.3	48.3	48.3
≥ 12000	4.8	28.5	35.7	41.3	44.8	46.4	49.3	50.6	50.8	51.4	51.5	51.5	51.5	51.5	51.5	51.5
≥ 10000	5.1	30.5	38.1	44.4	48.5	50.1	53.1	54.6	54.8	55.4	55.6	55.6	55.6	55.6	55.6	55.6
≥ 9000	5.1	30.7	38.5	44.8	49.0	50.7	54.0	55.6	55.8	56.7	56.8	56.8	56.8	56.8	56.8	56.8
≥ 8000	5.3	32.0	40.1	47.2	51.5	53.5	56.7	58.4	58.8	59.7	59.9	59.9	59.9	59.9	59.9	59.9
≥ 7000	5.5	33.1	41.5	49.3	53.8	55.8	59.2	60.9	61.2	62.2	62.3	62.3	62.3	62.3	62.3	62.3
≥ 6000	5.7	34.1	42.7	50.8	55.3	57.3	60.7	62.4	62.8	63.7	63.9	63.9	63.9	63.9	63.9	63.9
≥ 5000	5.9	35.5	44.2	52.6	57.2	59.3	62.8	64.6	64.9	65.9	66.0	66.0	66.0	66.0	66.0	66.0
≥ 4500	6.0	36.9	45.7	54.3	59.1	61.3	64.9	66.9	67.2	68.1	68.3	68.3	68.3	68.3	68.3	68.3
≥ 4000	7.0	39.9	49.2	58.1	63.0	65.2	69.1	71.0	71.4	72.3	72.5	72.5	72.5	72.5	72.5	72.5
≥ 3500	7.4	42.8	52.5	61.7	66.9	69.5	73.5	75.6	75.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0
≥ 3000	8.0	46.2	56.3	65.8	71.2	73.8	77.8	79.9	80.2	81.2	81.4	81.4	81.4	81.4	81.4	81.4
≥ 2500	8.5	48.5	59.0	68.7	74.3	76.9	81.0	83.0	83.4	84.3	84.6	84.6	84.6	84.6	84.6	84.6
≥ 2000	8.9	50.4	61.3	71.5	77.3	80.2	84.5	86.6	87.0	88.1	88.3	88.3	88.3	88.3	88.3	88.3
≥ 1800	9.0	50.9	62.0	72.3	78.1	80.9	85.3	87.5	87.8	89.0	89.2	89.2	89.2	89.2	89.2	89.2
≥ 1500	9.1	51.7	63.1	73.4	79.4	82.5	87.1	89.3	89.6	91.0	91.2	91.2	91.3	91.3	91.3	91.3
≥ 1200	9.2	53.6	65.2	75.9	82.0	85.1	89.8	92.0	92.4	93.8	94.0	94.0	94.1	94.1	94.1	94.1
≥ 1000	9.3	54.4	66.1	76.8	83.1	86.3	91.0	93.4	93.8	95.6	95.9	95.9	95.9	95.9	95.9	95.9
≥ 900	9.3	54.7	66.5	77.2	83.6	86.7	91.5	93.9	94.3	96.2	96.6	96.6	96.7	96.7	96.7	96.7
≥ 800	9.3	55.1	67.2	78.0	84.5	87.7	92.6	95.0	95.4	97.3	97.7	97.7	97.8	97.8	97.8	97.8
≥ 700	9.3	55.2	67.3	78.3	84.8	87.9	92.8	95.4	95.7	97.7	98.1	98.1	98.1	98.1	98.1	98.1
≥ 600	9.3	55.2	67.5	78.5	85.1	88.5	93.5	96.0	96.4	98.3	98.8	98.8	98.8	98.8	98.8	98.8
≥ 500	9.3	55.2	67.6	78.8	85.4	88.8	93.9	96.4	96.9	98.8	99.2	99.2	99.3	99.3	99.3	99.3
≥ 400	9.3	55.3	67.8	79.0	85.6	89.0	94.1	96.7	97.2	99.1	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	9.3	55.4	68.0	79.2	85.8	89.2	94.4	97.0	97.5	99.4	99.9	99.9	99.9	100.0	100.0	100.0
≥ 200	9.3	55.4	68.0	79.2	85.8	89.2	94.4	97.0	97.5	99.4	99.9	99.9	99.9	100.0	100.0	100.0
≥ 100	9.3	55.4	68.0	79.2	85.8	89.2	94.4	97.0	97.5	99.4	99.9	99.9	99.9	100.0	100.0	100.0
≥ 0	9.3	55.4	68.0	79.2	85.8	89.2	94.4	97.0	97.5	99.4	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1620

1210WS FORM JUL 64 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

## CEILING VERSUS VISIBILITY

43310  
STATION

FUKUOKA KYUSHU JAPAN/ITAZUKE AB  
STATION NAME

47-64  
YEARS

JUN  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	2.3	15.4	18.3	21.1	23.0	24.3	25.5	26.5	26.6	27.0	27.0	27.0	27.1	27.1	27.1	27.1
≥ 20000	3.1	20.7	25.6	29.8	33.3	35.2	37.8	39.4	39.5	40.2	40.2	40.2	40.3	40.3	40.3	40.4
≥ 18000	3.2	21.5	26.5	31.0	34.6	36.5	39.1	40.7	40.8	41.5	41.5	41.5	41.6	41.6	41.6	41.7
≥ 16000	3.2	21.5	26.5	31.1	34.8	36.7	39.3	40.9	41.0	41.7	41.7	41.7	41.8	41.8	41.8	41.9
≥ 14000	3.5	23.3	28.5	33.5	37.3	39.7	42.4	44.1	44.3	44.9	45.1	45.1	45.1	45.1	45.1	45.2
≥ 12000	3.5	23.9	29.3	34.4	38.5	40.9	43.7	45.5	45.6	46.4	46.5	46.5	46.5	46.5	46.5	46.6
≥ 10000	4.0	26.1	32.0	37.9	42.3	44.8	47.8	49.6	49.8	50.6	50.7	50.7	50.8	50.8	50.8	50.9
≥ 9000	4.0	26.5	32.5	38.4	42.9	45.4	48.6	50.5	50.6	51.7	51.9	51.9	52.0	52.0	52.0	52.1
≥ 8000	4.1	27.3	33.8	39.8	44.5	47.0	50.3	52.3	52.4	53.5	53.8	53.8	54.0	54.0	54.0	54.0
≥ 7000	4.4	28.1	34.8	41.1	46.0	48.5	51.9	53.9	54.1	55.4	55.6	55.7	55.8	55.8	55.8	55.9
≥ 6000	4.6	28.6	35.6	42.2	47.2	49.8	53.1	55.2	55.4	56.7	57.0	57.0	57.2	57.2	57.2	57.2
≥ 5000	4.7	30.1	37.3	44.1	49.4	52.2	55.7	58.0	58.1	59.5	59.8	59.8	59.9	59.9	59.9	60.0
≥ 4500	5.0	31.0	38.7	45.9	51.4	54.2	57.7	60.0	60.2	61.5	61.8	61.9	62.0	62.0	62.0	62.0
≥ 4000	5.9	33.6	41.8	49.0	54.8	57.6	61.4	63.7	63.9	65.2	65.5	65.6	65.7	65.7	65.7	65.7
≥ 3500	6.9	36.5	45.2	52.6	58.6	61.5	65.4	67.7	67.9	69.3	69.5	69.6	69.7	69.7	69.7	69.8
≥ 3000	7.7	39.5	48.8	56.5	63.1	66.1	70.1	72.6	72.8	74.2	74.4	74.5	74.6	74.6	74.6	74.7
≥ 2500	8.1	43.1	53.5	61.7	69.1	72.1	76.4	78.9	79.1	80.6	80.9	81.0	81.1	81.1	81.1	81.2
≥ 2000	8.2	45.3	56.6	65.1	73.0	76.2	80.7	83.3	83.5	85.1	85.4	85.5	85.6	85.6	85.6	85.7
≥ 1800	8.3	46.0	57.5	66.2	74.1	77.5	82.1	84.8	84.9	86.5	86.9	86.9	87.0	87.0	87.0	87.1
≥ 1500	8.5	47.3	59.1	67.9	75.9	79.3	84.5	87.6	87.8	89.8	90.1	90.1	90.3	90.3	90.3	90.4
≥ 1200	8.6	48.7	60.9	70.3	78.7	82.2	87.5	90.6	90.9	92.9	93.2	93.3	93.5	93.5	93.5	93.5
≥ 1000	8.6	49.5	62.0	71.6	80.1	83.5	89.0	92.2	92.4	94.8	95.1	95.1	95.3	95.3	95.3	95.4
≥ 900	8.6	49.6	62.2	72.0	80.6	84.1	89.5	92.8	93.0	95.4	95.7	95.7	95.9	95.9	95.9	96.0
≥ 800	8.6	49.8	62.3	72.3	80.9	84.4	89.9	93.3	93.6	96.0	96.3	96.4	96.5	96.5	96.5	96.6
≥ 700	8.6	49.8	62.5	72.5	81.2	84.8	90.3	93.8	94.0	96.5	96.9	96.9	97.1	97.1	97.1	97.2
≥ 600	8.6	50.1	62.9	73.0	81.9	85.5	91.0	94.6	94.9	97.4	97.8	97.8	98.0	98.0	98.0	98.1
≥ 500	8.6	50.2	63.1	73.3	82.2	85.8	91.5	95.1	95.4	98.1	98.5	98.5	98.7	98.7	98.7	98.8
≥ 400	8.6	50.3	63.3	73.4	82.3	86.0	91.7	95.5	95.8	98.5	98.8	98.9	99.1	99.1	99.1	99.1
≥ 300	8.6	50.3	63.3	73.4	82.5	86.2	91.9	95.7	96.0	98.7	99.1	99.1	99.4	99.4	99.5	99.6
≥ 200	8.6	50.3	63.3	73.5	82.5	86.2	91.9	95.7	96.1	98.8	99.2	99.3	99.6	99.6	99.7	99.8
≥ 100	8.6	50.3	63.3	73.5	82.5	86.2	91.9	95.7	96.1	98.8	99.2	99.3	99.6	99.6	99.8	100.0
≥ 0	8.6	50.3	63.3	73.5	82.5	86.2	91.9	95.7	96.1	98.8	99.2	99.3	99.6	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 1620

1210WS FORM 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

## CEILING VERSUS VISIBILITY

43310  
STATION

FUKUCKA KYUSHU JAPAN/ITAZUKE AB  
STATION NAME

47-64  
YEARS

JUN  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	2.7	9.4	11.3	13.3	15.0	16.8	18.0	19.4	19.6	20.5	20.6	20.6	20.7	20.7	20.7	20.7
≥ 20000	4.4	15.3	18.5	22.2	25.1	27.7	30.2	32.8	33.4	34.6	34.9	34.9	35.2	35.2	35.2	35.4
≥ 18000	4.7	15.9	19.1	23.0	26.0	28.8	31.4	34.1	34.6	36.0	36.4	36.4	36.8	36.8	36.8	37.0
≥ 16000	4.8	15.9	19.2	23.3	26.5	29.4	32.3	35.0	35.6	37.0	37.4	37.4	37.8	37.8	37.8	38.0
≥ 14000	5.0	17.0	20.7	25.4	29.3	32.4	35.4	38.1	38.7	40.4	40.8	40.8	41.2	41.2	41.2	41.4
≥ 12000	5.2	18.1	22.2	27.5	31.9	35.2	38.2	41.5	42.1	44.0	44.6	44.6	45.0	45.1	45.1	45.2
≥ 10000	5.7	19.4	23.8	29.6	34.4	38.0	41.2	44.6	45.2	47.2	48.0	48.0	48.6	48.6	48.6	48.8
≥ 9000	6.0	19.9	24.4	30.4	35.6	39.3	42.6	46.0	46.7	48.7	49.6	49.7	50.6	50.7	50.7	50.9
≥ 8000	6.1	20.9	26.1	32.3	37.9	41.9	45.4	49.1	49.8	51.9	53.0	53.3	54.2	54.3	54.3	54.4
≥ 7000	6.3	22.2	27.5	34.0	39.6	43.6	47.2	51.1	51.8	54.1	55.2	55.4	56.4	56.5	56.5	56.7
≥ 6000	6.4	22.6	28.1	34.7	40.6	44.7	48.3	52.3	53.1	55.4	56.5	56.8	57.8	57.8	57.8	58.0
≥ 5000	5.7	24.0	29.5	36.3	42.3	46.5	50.4	54.7	55.4	57.9	59.1	59.4	60.4	60.4	60.4	60.6
≥ 4500	7.1	24.8	30.4	37.2	43.3	47.5	51.4	55.9	56.7	59.1	60.4	60.6	61.6	61.7	61.7	61.9
≥ 4000	8.3	27.3	33.1	40.1	46.4	50.7	54.6	59.3	60.1	62.5	63.8	64.0	65.0	65.1	65.1	65.2
≥ 3500	9.3	30.1	36.4	43.5	50.1	54.5	59.0	63.7	64.5	67.0	68.2	68.6	69.6	69.6	69.6	69.8
≥ 3000	10.9	33.5	40.3	47.7	54.8	59.4	64.2	69.1	69.9	72.7	74.0	74.4	75.4	75.5	75.5	75.7
≥ 2500	12.9	37.0	44.4	52.5	60.2	65.1	70.0	75.2	76.1	79.0	80.3	80.8	81.9	82.0	82.0	82.2
≥ 2000	13.4	39.3	47.0	55.4	63.6	68.9	74.2	79.8	80.8	84.0	85.4	85.9	87.2	87.3	87.3	87.5
≥ 1800	13.6	39.9	48.0	56.5	64.8	70.2	75.7	81.4	82.3	85.6	87.0	87.5	88.8	88.9	89.0	89.1
≥ 1500	13.8	40.6	48.8	58.0	66.4	72.0	77.7	83.8	84.8	88.0	89.6	90.1	91.4	91.5	91.5	91.7
≥ 1200	14.1	41.7	50.1	59.4	67.9	73.7	79.6	85.9	87.0	90.4	92.0	92.5	93.8	93.9	94.0	94.1
≥ 1000	14.2	42.0	50.7	60.1	68.7	74.6	80.9	87.3	88.5	92.0	93.7	94.2	95.5	95.6	95.7	95.9
≥ 900	14.2	42.0	50.7	60.2	68.9	74.8	81.3	87.8	88.9	92.4	94.1	94.6	95.9	96.0	96.2	96.4
≥ 800	14.2	42.2	50.9	60.4	69.2	75.1	81.8	88.3	89.4	93.1	94.9	95.4	96.8	96.9	97.0	97.3
≥ 700	14.2	42.2	51.0	60.6	69.4	75.4	82.1	88.7	89.8	93.5	95.4	95.9	97.3	97.5	97.6	97.8
≥ 600	14.2	42.3	51.0	60.7	69.8	75.7	82.5	89.1	90.2	94.0	95.9	96.4	97.8	98.0	98.1	98.3
≥ 500	14.2	42.3	51.2	60.9	69.9	76.0	83.0	89.6	90.7	94.4	96.5	97.0	98.6	98.7	98.8	99.1
≥ 400	14.2	42.3	51.2	61.0	70.0	76.1	83.1	89.7	90.9	94.7	96.8	97.3	98.9	99.0	99.1	99.4
≥ 300	14.2	42.3	51.2	61.0	70.1	76.2	83.2	89.8	91.0	94.8	96.9	97.5	99.1	99.3	99.4	99.8
≥ 200	14.2	42.3	51.2	61.0	70.1	76.2	83.2	89.8	91.0	94.8	96.9	97.5	99.2	99.4	99.5	99.8
≥ 100	14.2	42.3	51.2	61.0	70.1	76.2	83.2	89.8	91.0	94.8	96.9	97.5	99.2	99.4	99.5	99.8
≥ 0	14.2	42.3	51.2	61.0	70.1	76.2	83.2	89.8	91.0	94.8	97.0	97.5	99.3	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 1620



DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

# CEILING VERSUS VISIBILITY

43310 FUKUOKA KYUSHU JAPAN/ITAZUMI AB

47-54

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0900-1101  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 5/16	≥ 1/4	≥ 0	
NO WEATHER	8.7	16.0	17.3	18.9	19.6	20.1	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7
≥ 2000	14.4	27.7	30.3	33.5	34.6	35.5	36.4	36.9	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0
≥ 1800	14.4	27.0	31.7	33.0	33.3	37.2	38.1	38.4	38.6	38.8	38.8	38.8	38.8	38.8	38.8	38.8
≥ 1600	14.4	26.1	33.0	36.5	36.0	39.0	39.9	40.4	40.6	40.7	40.7	40.7	40.7	40.7	40.7	40.7
≥ 1400	15.7	32.7	35.1	39.1	41.4	41.5	43.5	44.1	44.3	44.4	44.4	44.4	44.4	44.4	44.4	44.4
≥ 1200	16.2	33.9	37.3	41.7	41.4	41.8	45.8	46.5	46.9	47.2	47.2	47.2	47.3	47.3	47.3	47.3
≥ 1000	16.8	35.7	39.4	44.0	45.0	47.3	48.8	49.6	50.0	50.3	50.5	50.5	50.6	50.6	50.6	50.6
≥ 900	16.8	36.2	40.1	44.0	46.8	48.2	49.7	50.6	51.0	51.4	51.7	51.7	51.8	51.8	51.8	51.8
≥ 800	17.1	37.1	41.2	46.0	48.5	50.2	51.9	52.8	53.2	53.6	53.9	54.0	54.0	54.0	54.0	54.0
≥ 700	17.5	37.8	42.0	47.3	50.2	52.2	54.1	55.1	55.6	56.1	56.4	56.5	56.6	56.7	56.7	56.7
≥ 600	17.8	38.8	43.0	48.6	51.8	54.0	55.8	56.9	57.3	57.9	58.2	58.3	58.4	58.5	58.5	58.5
≥ 500	17.8	39.1	43.4	49.0	52.2	54.4	56.4	57.7	58.3	58.9	59.2	59.3	59.4	59.5	59.5	59.5
≥ 450	18.0	39.8	44.2	49.9	53.2	55.4	57.3	58.6	59.2	59.8	60.1	60.2	60.3	60.4	60.4	60.4
≥ 400	19.5	42.3	46.9	52.9	56.5	58.7	60.9	62.3	63.0	63.6	64.0	64.0	64.1	64.3	64.3	64.3
≥ 350	21.4	46.0	50.7	57.1	61.0	63.3	65.6	67.1	67.7	68.5	68.8	68.8	69.0	69.1	69.1	69.1
≥ 300	24.6	51.7	56.9	63.5	67.8	70.3	72.5	74.3	75.1	75.9	76.2	76.3	76.5	76.6	76.6	76.6
≥ 250	26.7	56.2	62.3	69.4	74.0	76.7	79.2	81.2	81.9	82.9	83.2	83.3	83.5	83.7	83.7	83.7
≥ 200	28.1	59.0	65.7	73.2	78.5	81.4	84.2	86.2	87.0	88.0	88.4	88.5	88.8	89.0	89.0	89.0
≥ 1800	28.5	59.9	66.7	74.3	79.7	82.7	85.6	87.7	88.4	89.4	89.8	89.9	90.2	90.4	90.4	90.4
≥ 1500	28.9	61.2	68.3	76.1	82.0	85.0	88.0	90.4	91.1	92.1	92.6	92.7	93.0	93.1	93.1	93.1
≥ 1000	29.0	61.8	69.3	77.3	83.4	86.4	89.8	92.5	93.3	94.4	94.9	95.1	95.3	95.5	95.5	95.5
≥ 900	29.1	62.2	69.7	78.0	84.2	87.2	90.7	93.6	94.4	95.6	96.1	96.2	96.5	96.7	96.8	96.8
≥ 800	29.1	62.3	69.8	78.1	84.3	87.3	90.9	93.8	94.6	95.7	96.3	96.4	96.7	96.9	97.0	97.0
≥ 700	29.1	62.4	69.9	78.3	84.6	87.8	91.5	94.4	95.2	96.5	97.1	97.3	97.6	97.8	97.8	97.8
≥ 600	29.1	62.5	70.0	78.5	84.9	88.1	91.9	94.9	95.7	97.0	97.6	97.8	98.1	98.3	98.3	98.3
≥ 500	29.1	62.8	70.5	79.1	85.7	89.0	92.7	95.7	96.5	97.8	98.5	98.7	99.0	99.2	99.3	99.3
≥ 400	29.1	62.8	70.5	79.1	85.7	89.0	92.7	95.9	96.7	98.1	98.9	99.1	99.5	99.7	99.8	99.8
≥ 300	29.1	62.8	70.5	79.1	85.7	89.0	92.7	95.9	96.7	98.2	99.0	99.1	99.6	99.8	100.0	100.0
≥ 200	29.1	62.8	70.5	79.1	85.7	89.0	92.7	95.9	96.7	98.2	99.0	99.1	99.6	99.8	100.0	100.0
≥ 100	29.1	62.8	70.5	79.1	85.7	89.0	92.7	95.9	96.7	98.2	99.0	99.1	99.6	99.8	100.0	100.0
≥ 0	29.1	62.8	70.5	79.1	85.7	89.0	92.7	95.9	96.7	98.2	99.0	99.1	99.6	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1620

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

## CEILING VERSUS VISIBILITY

43310  
STATION

FUKUOKA KYUSHU JAPAN/ITA/UKL AP  
STATION NAME

47-64  
YEARS

JUN  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	12.5	16.0	19.4	20.7	21.2	21.4	21.4	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5
≥ 20000	21.0	32.8	35.4	38.0	39.1	39.3	39.4	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5
≥ 18000	21.9	34.3	36.9	39.6	40.7	40.9	41.0	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
≥ 16000	23.1	36.2	39.0	41.9	43.2	43.6	43.7	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
≥ 14000	24.9	39.1	41.9	44.8	46.0	46.4	46.6	46.8	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
≥ 12000	26.2	41.6	44.8	47.9	49.3	49.8	49.9	50.2	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
≥ 10000	27.2	43.7	47.1	50.7	52.4	53.0	53.4	53.6	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 9000	27.5	44.4	48.1	51.9	53.9	54.7	55.1	55.3	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 8000	27.7	45.6	49.5	53.5	55.6	56.5	57.0	57.3	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 7000	28.1	46.9	51.1	55.1	57.3	58.3	59.0	59.3	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 6000	28.5	47.6	51.9	56.0	58.5	59.6	60.5	60.9	61.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 5000	29.4	49.1	53.5	57.8	60.4	61.5	62.5	63.0	63.3	63.5	63.5	63.5	63.5	63.5	63.5	63.5
≥ 4500	29.8	49.5	54.0	58.3	60.9	62.1	63.2	63.7	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 4000	31.6	52.3	57.2	61.9	64.9	66.1	67.3	67.8	68.1	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 3500	34.3	56.2	61.3	66.2	69.5	70.7	72.0	72.5	72.8	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 3000	37.7	61.5	66.9	72.1	75.0	76.9	78.2	78.8	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 2500	39.8	65.6	71.1	76.5	80.5	81.9	83.3	83.9	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 2000	41.6	69.3	75.2	81.0	85.2	86.9	88.4	89.1	89.4	89.6	89.6	89.6	89.7	89.7	89.7	89.7
≥ 1800	42.2	70.2	76.2	82.2	86.4	88.0	89.6	90.4	90.7	90.9	90.9	90.9	91.0	91.0	91.0	91.0
≥ 1500	42.5	71.4	77.9	84.4	88.8	90.6	92.3	93.1	93.5	93.9	93.8	93.8	93.9	93.9	93.9	93.9
≥ 1200	42.6	72.2	78.8	85.4	89.9	91.7	93.6	94.7	95.3	95.6	95.8	95.8	95.9	95.9	95.9	95.9
≥ 1000	42.6	72.4	79.2	85.9	90.4	92.3	94.1	95.5	96.3	96.7	96.9	96.9	97.0	97.0	97.0	97.0
≥ 900	42.6	72.5	79.3	86.0	90.6	92.5	94.4	95.7	96.5	97.0	97.2	97.2	97.3	97.3	97.3	97.3
≥ 800	42.6	72.7	79.5	86.4	91.0	93.0	94.9	96.3	97.1	97.8	98.1	98.1	98.1	98.1	98.1	98.1
≥ 700	42.6	72.7	79.7	86.5	91.4	93.3	95.2	96.7	97.5	98.2	98.5	98.5	98.6	98.6	98.6	98.6
≥ 600	42.6	72.7	79.9	86.8	91.7	93.6	95.6	97.0	97.8	98.7	99.0	99.0	99.1	99.1	99.1	99.1
≥ 500	42.6	72.8	80.0	86.9	91.9	93.8	95.8	97.2	98.0	98.9	99.2	99.2	99.3	99.3	99.4	99.4
≥ 400	42.6	72.8	80.0	87.0	91.9	93.9	95.9	97.3	98.3	99.2	99.5	99.5	99.6	99.6	99.8	99.8
≥ 300	42.6	72.8	80.0	87.0	92.0	94.0	95.9	97.3	98.3	99.3	99.6	99.6	99.8	99.8	99.9	99.9
≥ 200	42.6	72.8	80.0	87.0	92.0	94.0	96.0	97.5	98.5	99.4	99.7	99.7	99.9	99.9	100.0	100.0
≥ 100	42.6	72.8	80.0	87.0	92.0	94.0	96.0	97.5	98.5	99.4	99.7	99.7	99.9	99.9	100.0	100.0
≥ 0	42.6	72.8	80.0	87.0	92.0	94.0	96.0	97.5	98.5	99.4	99.7	99.7	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1620

1210WS FORM 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUL 64

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHCVILLE, N. C. 28801

## CEILING VERSUS VISIBILITY

43310  
STATION

FUKUGA KYUSHU JAPAN/ITAZUKE AB  
STATION NAME

47-64  
YEARS

JUN  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS (LST.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	14.2	20.7	21.2	21.9	22.2	22.3	22.3	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4
≥ 20000	22.7	35.2	36.9	38.4	39.3	39.4	39.4	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5
≥ 18000	23.2	36.1	37.9	39.4	40.3	40.6	40.6	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
≥ 16000	24.3	37.7	39.7	41.2	42.3	42.6	42.8	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
≥ 14000	25.7	40.5	42.6	44.5	45.5	46.0	46.2	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 12000	26.7	43.4	46.0	48.3	49.5	49.9	50.2	50.5	50.5	50.6	50.6	50.6	50.6	50.6	50.6	50.6
≥ 10000	27.7	45.5	48.3	51.1	52.7	53.2	53.7	53.9	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥ 9000	27.9	46.2	49.1	52.1	53.7	54.3	54.8	55.1	55.1	55.2	55.3	55.3	55.3	55.3	55.3	55.3
≥ 8000	28.7	47.7	51.0	54.3	56.1	56.9	57.6	57.9	57.9	58.2	58.3	58.3	58.3	58.3	58.3	58.3
≥ 7000	28.9	48.7	52.2	55.6	57.5	58.4	59.2	59.5	59.5	59.8	59.9	59.9	59.9	59.9	59.9	59.9
≥ 6000	29.1	49.2	52.8	56.4	58.3	59.2	60.1	60.4	60.4	60.7	60.8	60.8	60.8	60.8	60.8	60.8
≥ 5000	30.1	50.7	54.5	58.4	60.2	61.1	62.2	62.6	62.6	62.9	63.1	63.1	63.1	63.1	63.1	63.1
≥ 4500	30.8	52.0	55.9	59.7	61.8	62.7	64.0	64.4	64.4	64.9	65.0	65.0	65.0	65.0	65.0	65.0
≥ 4000	33.5	55.7	60.0	64.2	66.4	67.5	68.8	69.1	69.1	69.6	69.7	69.7	69.7	69.7	69.7	69.7
≥ 3500	36.0	59.0	63.6	68.0	70.5	71.7	73.0	73.3	73.3	73.8	73.9	73.9	73.9	73.9	73.9	73.9
≥ 3000	39.0	64.2	68.9	73.8	76.4	77.8	79.3	79.7	79.7	80.2	80.5	80.5	80.5	80.5	80.5	80.5
≥ 2500	41.3	67.9	73.1	78.3	81.3	82.7	84.4	85.0	85.0	85.5	85.8	85.8	85.8	85.8	85.8	85.8
≥ 2000	42.4	70.2	75.6	81.1	84.5	86.1	88.1	88.7	88.7	89.4	89.7	89.7	89.8	89.8	89.8	89.8
≥ 1800	43.0	71.3	76.8	82.3	85.7	87.3	89.4	90.1	90.1	90.8	91.1	91.1	91.2	91.2	91.2	91.2
≥ 1500	43.2	72.3	78.0	83.8	87.4	89.0	91.3	92.1	92.1	92.8	93.1	93.1	93.1	93.1	93.1	93.1
≥ 1200	43.2	73.5	79.2	85.2	88.8	90.7	93.0	93.9	93.9	94.6	95.0	95.0	95.1	95.1	95.1	95.1
≥ 1000	43.2	73.6	79.5	85.5	89.2	91.2	93.9	95.0	95.0	95.8	96.2	96.2	96.4	96.4	96.4	96.4
≥ 900	43.2	73.8	79.6	85.7	89.5	91.5	94.2	95.3	95.3	96.2	96.6	96.6	96.9	96.9	96.9	96.9
≥ 800	43.2	73.9	80.0	86.3	90.0	92.2	95.1	96.3	96.3	97.2	97.6	97.6	98.0	98.0	98.0	98.0
≥ 700	43.2	74.0	80.1	86.4	90.3	92.6	95.5	96.8	96.8	97.8	98.3	98.3	98.6	98.6	98.6	98.6
≥ 600	43.2	74.1	80.2	86.6	90.6	92.8	95.9	97.2	97.2	98.3	98.8	98.8	99.1	99.1	99.1	99.1
≥ 500	43.2	74.1	80.2	86.6	90.6	92.8	95.9	97.3	97.3	98.4	98.9	98.9	99.3	99.3	99.3	99.3
≥ 400	43.2	74.1	80.2	86.6	90.7	92.9	96.0	97.6	97.6	98.7	99.3	99.3	99.6	99.6	99.6	99.6
≥ 300	43.2	74.1	80.2	86.6	90.7	93.0	96.2	97.9	98.0	99.1	99.7	99.7	100.0	100.0	100.0	100.0
≥ 200	43.2	74.1	80.2	86.6	90.7	93.0	96.2	97.9	98.0	99.1	99.7	99.7	100.0	100.0	100.0	100.0
≥ 100	43.2	74.1	80.2	86.6	90.7	93.0	96.2	97.9	98.0	99.1	99.7	99.7	100.0	100.0	100.0	100.0
≥ 0	43.2	74.1	80.2	86.6	90.7	93.0	96.2	97.9	98.0	99.1	99.7	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1616

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

## CEILING VERSUS VISIBILITY

4331C  
STATION

FUKUOKA KYUSHU JAPAN/ITAZUKE AB  
STATION NAME

47-64  
YEARS

JUN  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1800-2000  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	9.0	16.7	17.9	19.6	20.2	20.5	20.8	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2
≥ 20000	13.2	26.5	29.5	32.7	34.9	35.6	36.5	37.2	37.2	37.3	37.3	37.3	37.3	37.3	37.3	37.3
≥ 18000	13.8	27.7	31.0	34.4	36.9	37.5	38.5	39.3	39.3	39.4	39.5	39.5	39.5	39.5	39.5	39.5
≥ 16000	14.2	29.0	32.5	35.9	38.5	39.3	40.5	41.4	41.4	41.7	41.8	41.8	41.9	41.9	41.9	41.9
≥ 14000	14.6	30.6	34.8	38.8	41.7	42.7	44.0	45.0	45.1	45.4	45.6	45.6	45.7	45.7	45.7	45.7
≥ 12000	15.3	32.5	37.1	41.5	44.7	46.0	47.7	49.0	49.1	49.6	49.8	49.8	49.9	49.9	49.9	49.9
≥ 10000	15.8	33.8	38.8	43.5	46.9	48.3	50.2	51.8	51.9	52.4	52.7	52.7	53.0	53.0	53.0	53.0
≥ 9000	16.0	34.6	39.6	44.4	47.8	49.4	51.3	52.9	53.0	53.5	53.9	54.0	54.4	54.4	54.4	54.4
≥ 8000	16.3	36.0	41.4	46.7	50.4	52.0	54.2	56.1	56.2	56.9	57.3	57.4	57.8	57.8	57.8	57.8
≥ 7000	16.5	37.0	42.7	48.1	52.2	53.9	56.1	58.1	58.2	59.0	59.4	59.6	60.1	60.1	60.1	60.1
≥ 6000	16.8	37.5	43.4	48.9	53.0	54.9	57.3	59.3	59.5	60.2	60.7	60.9	61.4	61.4	61.4	61.4
≥ 5000	17.6	39.1	45.0	50.7	54.9	56.9	59.3	61.4	61.7	62.5	63.0	63.1	63.7	63.7	63.7	63.7
≥ 4500	18.0	39.8	45.7	51.4	55.7	57.7	60.1	62.3	62.6	63.5	64.0	64.1	64.8	64.8	64.8	64.8
≥ 4000	19.3	42.6	49.0	55.1	59.6	61.7	64.4	66.6	66.9	68.0	68.6	68.7	69.4	69.4	69.4	69.4
≥ 3500	20.5	45.1	51.8	58.2	62.9	65.1	68.2	70.6	70.9	71.9	72.5	72.7	73.3	73.3	73.3	73.3
≥ 3000	22.0	49.1	56.2	63.2	68.4	70.9	74.3	76.7	77.0	78.1	78.8	79.0	79.6	79.6	79.6	79.6
≥ 2500	22.8	51.5	58.9	66.5	72.0	74.6	78.3	80.9	81.2	82.5	83.1	83.3	84.0	84.0	84.0	84.0
≥ 2000	23.3	54.3	62.0	69.9	76.0	78.8	82.7	85.4	85.7	87.0	87.7	87.8	88.6	88.6	88.6	88.6
≥ 1800	23.3	54.8	62.7	70.6	76.7	79.5	83.5	86.1	86.4	87.8	88.5	88.6	89.4	89.4	89.4	89.4
≥ 1500	23.6	56.2	64.3	72.4	78.8	81.8	85.8	88.5	88.8	90.1	90.9	91.0	91.8	91.8	91.8	91.8
≥ 1200	23.8	57.2	65.4	74.3	81.1	84.3	88.5	91.4	91.7	93.1	94.0	94.1	95.0	95.0	95.0	95.0
≥ 1000	23.9	57.3	65.7	74.6	81.5	84.9	89.1	92.2	92.5	94.0	94.9	95.1	95.9	95.9	95.9	96.0
≥ 900	23.9	57.3	65.8	74.8	81.9	85.2	89.5	92.6	92.9	94.4	95.4	95.5	96.4	96.4	96.4	96.4
≥ 800	23.9	57.5	66.4	75.4	82.5	86.0	90.4	93.5	93.8	95.5	96.4	96.5	97.4	97.4	97.4	97.5
≥ 700	23.9	57.5	66.5	75.5	82.7	86.3	90.8	94.0	94.3	96.0	97.0	97.2	98.0	98.0	98.0	98.1
≥ 600	23.9	57.5	66.5	75.6	82.9	86.5	91.1	94.4	94.8	96.5	97.7	97.8	98.6	98.6	98.6	98.7
≥ 500	23.9	57.5	66.5	75.6	83.0	86.5	91.2	94.4	94.8	96.7	98.0	98.1	99.0	99.0	99.0	99.1
≥ 400	23.9	57.5	66.5	75.8	83.3	87.0	91.7	95.0	95.4	97.3	98.6	98.8	99.6	99.6	99.7	99.8
≥ 300	23.9	57.5	66.5	75.8	83.4	87.0	91.7	95.1	95.5	97.5	98.8	99.0	99.9	99.9	99.9	100.0
≥ 200	23.9	57.5	66.5	75.8	83.4	87.0	91.7	95.1	95.5	97.5	98.8	99.0	99.9	99.9	99.9	100.0
≥ 100	23.9	57.5	66.5	75.8	83.4	87.0	91.7	95.1	95.5	97.5	98.8	99.0	99.9	99.9	99.9	100.0
≥ 0	23.9	57.5	66.5	75.8	83.4	87.0	91.7	95.1	95.5	97.5	98.8	99.0	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 1620

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

# CEILING VERSUS VISIBILITY

43310 FUKUOKA KYUSHU JAPAN/ITAZUKE AB 47-64

JUN

STATION

STATION NAME

YEARS

MOUTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	4.8	17.7	20.0	23.4	25.2	26.0	26.9	27.7	27.8	28.0	28.1	28.1	28.1	28.1	28.1	28.1
≥ 20000	5.9	22.5	26.6	32.4	36.5	37.8	39.1	40.6	40.8	41.4	41.5	41.5	41.5	41.5	41.5	41.5
≥ 18000	6.1	23.0	27.3	33.4	37.7	39.1	40.5	42.0	42.2	42.8	43.0	43.0	43.0	43.0	43.0	43.0
≥ 16000	6.1	23.5	28.1	34.4	38.7	40.1	41.6	43.2	43.4	44.1	44.3	44.3	44.4	44.4	44.4	44.4
≥ 14000	6.4	24.6	29.6	36.4	41.0	42.6	44.6	46.5	46.7	47.5	47.7	47.7	47.8	47.8	47.8	47.8
≥ 12000	6.9	26.4	31.8	39.1	44.1	45.7	48.0	50.0	50.2	51.2	51.4	51.4	51.5	51.5	51.5	51.5
≥ 10000	7.0	28.1	34.0	41.7	46.9	48.5	50.9	53.0	53.3	54.4	54.8	54.8	55.0	55.0	55.0	55.0
≥ 9000	7.1	28.5	34.4	42.3	47.5	49.3	51.7	54.0	54.3	55.4	55.7	55.9	56.1	56.1	56.1	56.1
≥ 8000	7.2	29.9	36.0	44.6	49.9	51.9	54.4	56.9	57.2	58.5	58.8	59.0	59.2	59.2	59.2	59.2
≥ 7000	7.4	31.5	37.9	46.8	52.2	54.3	56.9	59.3	59.6	60.9	61.2	61.4	61.6	61.6	61.6	61.6
≥ 6000	7.4	31.9	38.4	47.3	52.9	55.2	58.0	60.4	60.7	62.0	62.4	62.6	62.8	62.8	62.8	62.8
≥ 5000	8.0	34.0	40.9	50.1	56.0	58.6	61.5	64.0	64.3	65.7	66.0	66.2	66.5	66.5	66.5	66.5
≥ 4500	8.1	35.3	42.3	51.5	57.7	60.4	63.3	65.9	66.2	67.7	68.1	68.3	68.5	68.5	68.5	68.5
≥ 4000	8.7	38.0	45.4	54.9	61.4	64.1	67.1	69.9	70.2	71.7	72.0	72.2	72.5	72.5	72.5	72.5
≥ 3500	9.3	40.9	48.3	58.3	65.0	68.0	71.0	73.8	74.1	75.7	76.0	76.2	76.5	76.5	76.5	76.5
≥ 3000	10.1	44.4	52.2	62.3	69.2	72.3	75.4	78.3	78.6	80.2	80.6	80.8	81.1	81.1	81.1	81.1
≥ 2500	10.6	46.9	54.8	65.0	72.3	75.6	78.8	81.8	82.1	83.8	84.1	84.3	84.6	84.6	84.6	84.6
≥ 2000	10.8	48.9	57.0	67.7	75.2	78.8	82.2	85.7	86.1	87.8	88.1	88.3	88.6	88.6	88.6	88.6
≥ 1800	10.9	49.9	58.1	68.8	76.4	80.1	83.4	86.9	87.3	89.0	89.4	89.6	89.9	89.9	89.9	89.9
≥ 1500	11.1	51.0	59.7	70.9	78.5	82.2	85.8	89.3	89.8	91.5	91.9	92.0	92.3	92.3	92.3	92.3
≥ 1200	11.1	52.1	61.3	72.7	80.6	84.4	88.4	92.0	92.4	94.2	94.6	94.8	95.1	95.1	95.1	95.1
≥ 1000	11.1	52.9	62.3	74.0	82.1	86.2	90.3	94.1	94.5	96.4	96.9	97.0	97.3	97.3	97.3	97.3
≥ 900	11.1	53.0	62.3	74.2	82.3	86.5	90.6	94.3	94.8	96.7	97.2	97.3	97.7	97.7	97.7	97.7
≥ 800	11.1	53.1	62.3	74.4	82.6	86.8	91.0	94.8	95.2	97.2	97.8	98.0	98.3	98.3	98.3	98.3
≥ 700	11.1	53.3	63.1	74.9	83.1	87.3	91.5	95.4	95.8	97.8	98.4	98.6	98.9	98.9	98.9	98.9
≥ 600	11.1	53.3	63.1	74.9	83.2	87.6	91.8	95.6	96.0	98.1	98.8	99.0	99.3	99.3	99.3	99.3
≥ 500	11.1	53.3	63.1	74.9	83.2	87.7	91.9	95.7	96.1	98.1	98.8	99.0	99.3	99.3	99.3	99.3
≥ 400	11.1	53.5	63.3	75.1	83.5	88.0	92.2	96.0	96.4	98.5	99.1	99.3	99.6	99.6	99.6	99.6
≥ 300	11.1	53.5	63.5	75.4	83.8	88.2	92.4	96.2	96.7	98.7	99.4	99.6	99.9	99.9	99.9	99.9
≥ 200	11.1	53.5	63.5	75.4	83.8	88.2	92.5	96.3	96.7	98.8	99.4	99.6	99.9	99.9	99.9	99.9
≥ 100	11.1	53.5	63.5	75.4	83.8	88.3	92.5	96.4	96.8	98.8	99.5	99.7	100.0	100.0	100.0	100.0
≥ 0	11.1	53.5	63.5	75.4	83.8	88.3	92.5	96.4	96.8	98.8	99.5	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1620

1210WS FORM JUL 64 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

## CEILING VERSUS VISIBILITY

43310  
STATION

FUKUOKA KYUSHU JAPAN/ITAZUKE AB  
STATION NAME

47-64  
YEARS

JUL  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0000-0200  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	12.4	32.6	36.5	38.5	39.1	39.3	39.4	39.5	39.5	39.5	39.5	39.5	39.5	39.6	39.6	39.6
≥ 20000	14.6	38.2	43.0	45.5	46.3	46.5	46.7	46.8	46.8	46.8	46.9	46.9	47.0	47.0	47.0	47.0
≥ 18000	14.9	38.8	43.7	46.2	47.0	47.2	47.4	47.5	47.6	47.6	47.6	47.6	47.7	47.7	47.7	47.7
≥ 16000	15.0	39.2	44.1	46.5	47.4	47.6	47.7	47.8	47.9	47.9	48.0	48.0	48.0	48.0	48.0	48.0
≥ 14000	15.8	40.9	45.9	48.4	49.3	49.5	49.6	49.8	49.8	49.8	49.9	49.9	49.9	49.9	49.9	49.9
≥ 12000	16.2	42.4	47.8	50.6	51.5	51.7	51.9	52.0	52.0	52.0	52.1	52.1	52.2	52.2	52.2	52.2
≥ 10000	16.7	44.6	50.3	53.7	54.8	55.1	55.3	55.4	55.5	55.5	55.6	55.6	55.6	55.6	55.6	55.6
≥ 9000	17.0	45.7	51.7	55.2	56.3	56.6	56.9	57.0	57.0	57.0	57.1	57.1	57.2	57.2	57.2	57.2
≥ 8000	17.6	47.0	53.2	57.1	58.4	58.7	59.0	59.1	59.1	59.1	59.2	59.2	59.3	59.3	59.3	59.3
≥ 7000	17.6	47.4	53.6	57.8	59.3	59.6	59.9	60.0	60.1	60.1	60.2	60.2	60.2	60.2	60.2	60.2
≥ 6000	18.0	48.6	54.8	59.1	60.5	60.8	61.2	61.3	61.4	61.4	61.4	61.4	61.5	61.5	61.5	61.5
≥ 5000	18.6	50.3	56.6	60.9	62.4	62.7	63.2	63.3	63.4	63.4	63.4	63.4	63.5	63.5	63.5	63.5
≥ 4500	19.1	51.7	58.1	62.4	64.0	64.3	64.8	64.9	65.0	65.0	65.1	65.1	65.1	65.1	65.1	65.1
≥ 4000	19.9	54.7	61.5	66.2	68.2	68.5	69.0	69.1	69.2	69.2	69.2	69.2	69.3	69.3	69.3	69.3
≥ 3500	21.9	59.7	66.8	71.9	73.9	74.2	74.9	75.0	75.0	75.0	75.1	75.1	75.1	75.1	75.1	75.1
≥ 3000	23.5	64.5	72.4	78.1	80.8	81.1	81.9	82.1	82.1	82.3	82.4	82.4	82.4	82.4	82.4	82.4
≥ 2500	24.3	67.7	76.2	82.3	85.3	85.6	86.6	86.8	86.9	87.0	87.1	87.1	87.2	87.2	87.2	87.2
≥ 2000	24.8	70.0	79.0	85.2	88.4	88.7	90.0	90.3	90.3	90.5	90.6	90.6	90.6	90.6	90.6	90.6
≥ 1800	24.9	70.4	79.7	86.1	89.3	89.7	91.0	91.2	91.3	91.5	91.5	91.5	91.6	91.6	91.6	91.6
≥ 1500	25.0	72.3	82.0	88.6	92.0	92.4	93.9	94.1	94.2	94.4	94.4	94.4	94.5	94.5	94.5	94.5
≥ 1200	25.1	72.8	82.6	89.3	92.7	93.1	94.7	95.0	95.0	95.2	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1000	25.3	73.7	83.8	90.5	93.9	94.3	95.9	96.2	96.3	96.5	96.6	96.6	96.7	96.7	96.7	96.7
≥ 900	25.3	74.0	84.2	91.2	94.6	95.0	96.1	97.0	97.0	97.2	97.3	97.3	97.4	97.4	97.4	97.4
≥ 800	25.3	74.1	84.4	91.3	94.8	95.3	97.0	97.3	97.3	97.5	97.6	97.6	97.7	97.7	97.7	97.7
≥ 700	25.3	74.1	84.5	91.4	94.9	95.4	97.1	97.5	97.6	97.7	97.8	97.8	97.9	97.9	97.9	97.9
≥ 600	25.4	74.3	84.7	91.7	95.5	96.1	97.8	98.4	98.4	98.7	98.8	98.8	98.9	98.9	98.9	98.9
≥ 500	25.5	74.5	84.9	92.0	95.8	96.4	98.1	98.7	98.8	99.1	99.2	99.2	99.3	99.3	99.3	99.3
≥ 400	25.5	74.5	85.0	92.2	96.1	96.7	98.4	99.2	99.2	99.5	99.6	99.6	99.7	99.7	99.7	99.7
≥ 300	25.5	74.7	85.2	92.4	96.2	96.9	98.6	99.3	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	25.5	74.7	85.2	92.4	96.2	96.9	98.6	99.3	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	25.5	74.7	85.2	92.4	96.2	96.9	98.6	99.3	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	25.5	74.7	85.2	92.4	96.2	96.9	98.6	99.3	99.4	99.8	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 1674

1210WS FORM 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

## CEILING VERSUS VISIBILITY

43310  
STATION

FUKUOKA KYUSHU JAPAN/ITAZUKE AB  
STATION NAME

47-64  
YEARS

JUL  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0300-0500  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	9.5	27.4	31.1	33.2	34.1	34.4	34.7	34.8	34.8	34.9	34.9	34.9	34.9	35.0	35.0	35.1
≥ 20000	10.8	31.4	35.9	38.3	39.5	39.9	40.3	40.6	40.6	40.7	40.7	40.7	40.7	40.8	40.8	40.9
IV 18000	11.1	32.2	36.6	39.0	40.2	40.6	41.1	41.3	41.4	41.4	41.4	41.4	41.4	41.5	41.5	41.7
IV 16000	11.1	32.7	37.2	39.6	40.8	41.2	41.7	41.9	42.0	42.0	42.0	42.0	42.0	42.1	42.1	42.3
IV 14000	11.7	34.1	38.6	41.1	42.2	42.6	43.1	43.3	43.4	43.5	43.5	43.5	43.5	43.5	43.5	43.7
IV 12000	12.3	35.7	40.6	43.2	44.5	44.9	45.4	45.7	45.7	45.8	45.8	45.8	45.8	45.8	45.8	46.
IV 10000	13.6	38.4	43.6	46.7	48.3	48.7	49.5	49.8	49.9	50.0	50.0	50.0	50.0	50.0	50.0	50.2
IV 9000	13.7	39.2	44.4	47.6	49.2	49.6	50.4	50.7	50.8	50.9	50.9	50.9	50.9	51.0	51.0	51.2
IV 8000	14.5	41.2	46.5	49.9	51.6	52.0	52.8	53.1	53.2	53.3	53.3	53.3	53.3	53.4	53.4	53.6
IV 7000	14.8	42.2	47.6	51.3	53.1	53.5	54.3	54.7	54.8	54.9	54.9	54.9	54.9	54.9	54.9	55.1
IV 6000	15.2	43.5	49.1	52.8	54.5	54.9	55.9	56.3	56.4	56.5	56.5	56.5	56.5	56.5	56.5	56.7
IV 5000	15.7	45.5	51.3	55.2	57.1	57.6	58.6	59.1	59.1	59.2	59.2	59.2	59.2	59.3	59.3	59.5
IV 4500	16.0	47.0	53.0	56.9	58.9	59.4	60.4	60.8	60.9	61.0	61.0	61.0	61.0	61.1	61.1	61.3
IV 4000	17.2	51.9	58.3	62.6	64.9	65.3	66.5	66.9	67.0	67.1	67.2	67.2	67.2	67.2	67.2	67.4
IV 3500	19.3	56.7	63.6	68.3	70.9	71.4	72.6	73.0	73.1	73.2	73.3	73.3	73.3	73.3	73.3	73.5
IV 3000	21.8	61.9	69.5	74.7	78.0	78.5	79.9	80.3	80.3	80.5	80.5	80.5	80.5	80.6	80.6	80.8
IV 2500	22.8	65.8	73.7	79.3	83.3	84.0	85.3	85.7	85.8	85.9	86.0	86.0	86.0	86.0	86.0	86.2
IV 2000	23.1	68.0	76.6	82.6	87.1	87.8	89.1	89.5	89.6	89.7	89.8	89.8	89.8	89.8	89.8	90.
IV 1800	23.1	68.4	77.2	83.4	88.0	88.8	90.1	90.6	90.6	90.7	90.8	90.8	90.8	90.9	90.9	91.0
IV 1500	23.1	69.8	78.6	85.0	89.7	90.6	92.1	92.6	92.6	92.8	92.8	92.8	92.8	92.9	92.9	93.1
IV 1200	23.2	70.0	79.1	85.8	90.5	91.4	93.0	93.5	93.5	93.7	93.7	93.7	93.7	93.8	93.8	94.
IV 1000	23.2	71.1	80.6	87.2	91.9	92.8	94.7	95.2	95.3	95.6	95.7	95.7	95.8	95.8	95.8	96.
IV 900	23.3	71.4	80.9	87.5	92.3	93.2	95.2	95.6	95.7	96.1	96.1	96.1	96.2	96.2	96.2	96.4
IV 800	23.4	71.9	81.5	88.2	93.1	94.0	95.9	96.5	96.5	96.9	97.0	97.0	97.1	97.1	97.1	97.3
IV 700	23.4	72.2	81.8	88.5	93.5	94.5	96.5	97.0	97.1	97.5	97.5	97.5	97.7	97.7	97.7	97.9
IV 600	23.4	72.2	81.8	88.8	93.8	94.8	96.8	97.4	97.4	97.8	97.9	97.9	98.0	98.1	98.1	98.3
IV 500	23.4	72.5	82.2	89.2	94.4	95.4	97.5	98.1	98.1	98.6	98.7	98.7	98.8	98.9	98.9	99.0
IV 400	23.4	72.6	82.3	89.3	94.6	95.6	97.7	98.3	98.4	98.8	99.0	99.0	99.2	99.3	99.3	99.5
IV 300	23.4	72.7	82.4	89.4	94.7	95.7	97.8	98.4	98.5	98.9	99.2	99.2	99.3	99.4	99.4	99.6
IV 200	23.4	72.7	82.4	89.4	94.9	95.8	98.0	98.6	98.6	99.0	99.3	99.3	99.5	99.6	99.6	99.8
IV 100	23.4	72.7	82.4	89.4	94.9	95.8	98.0	98.6	98.6	99.0	99.3	99.3	99.5	99.6	99.6	99.8
IV 0	23.4	72.7	82.4	89.4	94.9	95.8	98.0	98.6	98.6	99.0	99.3	99.3	99.5	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 1673

1210WS FORM 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

## CEILING VERSUS VISIBILITY

43310  
STATION

FUKUOKA KYUSHU JAPAN/ITAZUKE AB  
STATION NAME

47-64  
YEARS

JUL  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	9.6	18.2	20.1	22.3	23.3	24.0	25.1	25.6	25.7	25.9	26.0	26.0	26.0	26.0	26.0	26.2
≥ 20000	14.7	26.3	28.9	31.7	33.3	34.1	35.5	36.2	36.3	36.5	36.6	36.6	36.6	36.6	36.7	36.9
≥ 18000	15.2	27.1	29.7	32.7	34.2	35.1	36.6	37.2	37.3	37.5	37.6	37.6	37.6	37.6	37.7	37.9
≥ 16000	15.3	27.7	30.3	33.3	34.8	35.8	37.3	37.9	38.0	38.2	38.4	38.4	38.4	38.4	38.4	38.6
≥ 14000	16.2	29.5	32.1	35.2	37.1	38.1	39.7	40.4	40.5	40.7	40.9	40.9	40.9	40.9	40.9	41.1
≥ 12000	17.7	31.5	34.2	37.5	39.5	40.5	42.1	42.8	42.9	43.1	43.2	43.2	43.2	43.2	43.3	43.5
≥ 10000	19.4	34.5	37.7	41.3	43.5	44.6	46.3	47.1	47.3	47.5	47.6	47.6	47.6	47.6	47.7	47.9
≥ 9000	19.8	35.8	38.9	42.5	44.9	46.1	47.7	48.6	48.7	49.0	49.1	49.1	49.1	49.1	49.2	49.4
≥ 8000	21.0	37.7	41.0	45.0	47.4	48.7	50.4	51.4	51.5	51.8	51.9	51.9	51.9	51.9	52.0	52.2
≥ 7000	21.9	39.1	42.5	46.5	49.0	50.4	52.2	53.2	53.3	53.6	53.7	53.7	53.7	53.7	53.8	54.0
≥ 6000	22.8	40.4	43.8	48.0	50.5	51.9	53.6	54.7	54.8	55.1	55.3	55.3	55.3	55.3	55.3	55.6
≥ 5000	23.4	42.0	45.5	49.7	52.3	53.6	55.4	56.6	56.8	57.2	57.3	57.3	57.3	57.3	57.3	57.6
≥ 4500	23.7	43.2	46.8	51.0	53.6	55.0	56.8	58.0	58.1	58.5	58.7	58.7	58.7	58.7	58.7	59.0
≥ 4000	25.9	46.9	50.7	55.1	57.8	59.4	61.4	62.7	62.8	63.2	63.3	63.3	63.3	63.3	63.4	63.7
≥ 3500	28.0	51.0	55.1	59.8	62.7	64.4	66.5	68.0	68.1	68.5	68.6	68.6	68.6	68.6	68.8	69.0
≥ 3000	32.3	58.2	62.7	68.0	71.4	73.4	76.0	77.7	77.8	78.5	78.6	78.6	78.6	78.6	78.7	79.0
≥ 2500	34.2	62.5	67.7	73.8	77.6	79.5	82.5	84.3	84.5	85.4	85.5	85.5	85.5	85.5	85.7	85.9
≥ 2000	35.1	64.6	70.3	76.5	80.6	82.9	86.1	88.1	88.2	89.2	89.4	89.4	89.4	89.4	89.5	89.8
≥ 1800	35.1	64.6	70.4	76.8	81.1	83.3	86.7	88.6	88.8	89.8	90.0	90.0	90.0	90.0	90.1	90.4
≥ 1500	35.2	65.1	71.2	77.8	82.4	84.8	88.4	90.6	90.7	91.8	92.0	92.0	92.1	92.1	92.2	92.5
≥ 1200	35.3	65.4	71.5	78.6	83.6	86.1	90.0	92.4	92.5	93.6	93.8	93.8	93.8	93.8	94.0	94.3
≥ 1000	35.3	65.8	72.2	79.5	84.9	87.5	91.6	94.3	94.5	95.8	96.0	96.0	96.1	96.1	96.4	96.7
≥ 900	35.3	65.9	72.3	79.7	85.1	87.8	91.9	94.7	94.9	96.1	96.4	96.4	96.4	96.4	96.7	97.0
≥ 800	35.4	66.2	72.6	80.3	85.8	88.5	92.6	95.4	95.6	96.8	97.1	97.1	97.1	97.1	97.4	97.7
≥ 700	35.4	66.2	72.8	80.4	86.0	88.7	92.9	95.8	95.9	97.2	97.5	97.5	97.6	97.6	97.8	98.1
≥ 600	35.4	66.2	73.0	80.6	86.3	89.1	93.4	96.4	96.6	98.0	98.3	98.3	98.3	98.3	98.6	98.9
≥ 500	35.4	66.2	73.1	80.9	86.7	89.5	93.8	96.8	97.0	98.5	98.9	98.9	99.0	99.0	99.3	99.6
≥ 400	35.4	66.2	73.1	80.9	86.7	89.5	93.8	96.8	97.0	98.5	98.9	98.9	99.0	99.0	99.3	99.6
≥ 300	35.4	66.3	73.1	80.9	86.8	89.6	94.0	96.9	97.1	98.7	99.2	99.2	99.2	99.2	99.5	99.8
≥ 200	35.4	66.3	73.1	80.9	86.8	89.6	94.0	96.9	97.1	98.7	99.2	99.2	99.2	99.2	99.5	99.8
≥ 100	35.4	66.3	73.1	80.9	86.8	89.6	94.0	97.0	97.2	98.8	99.2	99.2	99.3	99.3	99.6	99.9
≥ 0	35.4	66.3	73.1	80.9	86.8	89.6	94.0	97.0	97.2	98.8	99.2	99.2	99.3	99.3	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 1674



DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

## CEILING VERSUS VISIBILITY

43310  
STATION

FUKUOKA KYUSHU JAPAN/ITAZUKE AB  
STATION NAME

47-64  
YEARS

JUL  
MONTH

0900-1100  
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	14.6	22.8	23.8	24.8	25.4	25.9	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0
≥ 20000	20.8	31.7	33.0	34.3	35.1	35.7	35.8	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
≥ 18000	21.0	32.4	33.6	34.9	35.7	36.4	36.5	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6
≥ 16000	22.0	33.7	35.1	36.4	37.2	37.9	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
≥ 14000	24.5	37.1	38.6	40.1	41.2	41.9	42.0	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1
≥ 12000	26.8	40.3	42.1	43.7	44.8	45.5	45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
≥ 10000	28.9	43.8	46.1	47.7	48.8	49.5	49.7	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
≥ 9000	29.5	44.7	47.0	48.6	49.7	50.4	50.6	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 8000	30.0	46.0	48.3	49.9	51.2	51.9	52.1	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
≥ 7000	31.1	47.4	49.8	51.7	53.0	53.8	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
≥ 6000	31.5	48.0	50.3	52.2	53.6	54.3	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
≥ 5000	32.3	49.1	51.5	53.5	54.9	55.7	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 4500	33.1	50.3	52.9	54.9	56.3	57.0	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 4000	35.7	54.5	57.1	59.3	60.8	61.5	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 3500	39.4	60.6	63.3	65.7	67.2	68.0	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 3000	46.1	69.4	72.6	75.5	77.2	78.1	78.9	79.2	79.2	79.2	79.4	79.4	79.4	79.4	79.4	79.4
≥ 2500	49.1	74.4	78.1	81.4	83.3	84.4	85.5	86.1	86.1	86.3	86.4	86.4	86.4	86.4	86.4	86.4
≥ 2000	50.6	78.1	82.4	86.1	88.5	89.7	91.0	91.9	91.9	92.2	92.4	92.4	92.4	92.4	92.4	92.4
≥ 1800	50.7	78.6	83.0	86.9	89.4	90.6	92.2	93.2	93.2	93.5	93.7	93.7	93.7	93.7	93.7	93.7
≥ 1500	50.7	79.2	83.8	87.8	90.8	92.4	94.1	95.3	95.3	95.6	95.8	95.8	95.9	95.9	96.0	96.0
≥ 1200	50.9	79.6	84.3	88.3	91.6	93.3	95.2	96.6	96.6	96.9	97.1	97.1	97.2	97.2	97.3	97.3
≥ 1000	51.0	79.9	84.8	88.8	92.2	94.0	96.0	97.6	97.6	98.0	98.2	98.2	98.3	98.3	98.4	98.4
≥ 900	51.0	79.9	84.8	88.9	92.4	94.1	96.2	97.8	97.8	98.3	98.5	98.5	98.6	98.6	98.7	98.7
≥ 800	51.0	79.9	84.8	88.9	92.4	94.3	96.4	98.1	98.1	98.7	98.9	98.9	99.0	99.0	99.2	99.2
≥ 700	51.0	79.9	84.8	89.0	92.5	94.4	96.5	98.3	98.3	98.9	99.2	99.2	99.3	99.3	99.4	99.4
≥ 600	51.0	79.9	84.8	89.0	92.5	94.5	96.6	98.5	98.5	99.1	99.4	99.4	99.5	99.5	99.6	99.6
≥ 500	51.0	80.0	84.9	89.1	92.6	94.6	96.7	98.6	98.6	99.2	99.6	99.6	99.7	99.7	99.8	99.8
≥ 400	51.0	80.0	84.9	89.1	92.6	94.6	96.7	98.6	98.6	99.2	99.6	99.6	99.8	99.8	99.9	99.9
≥ 300	51.0	80.0	84.9	89.1	92.6	94.6	96.7	98.6	98.6	99.3	99.7	99.7	99.8	99.8	99.9	99.9
≥ 200	51.0	80.0	84.9	89.1	92.6	94.6	96.7	98.6	98.6	99.3	99.7	99.7	99.8	99.8	100.0	100.0
≥ 100	51.0	80.0	84.9	89.1	92.6	94.6	96.7	98.6	98.6	99.3	99.7	99.7	99.8	99.8	100.0	100.0
≥ 0	51.0	80.0	84.9	89.1	92.6	94.6	96.7	98.6	98.6	99.3	99.7	99.7	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1674

1210WS FORM 0-14-5 (Det 50) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

# CEILING VERSUS VISIBILITY

43310  
STATION

FUKUGKA KYUSHU JAPAN/ITAZUKE AB  
STATION NAME

47-64  
YEARS

JUL  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	15.3	21.1	22.0	23.0	23.1	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3
≥ 20000	24.2	32.7	34.0	34.9	35.1	35.4	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
≥ 18000	24.5	33.3	34.5	35.5	35.6	35.9	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0
≥ 16000	25.5	34.4	35.6	36.6	36.8	37.1	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2
≥ 14000	27.5	36.8	38.2	39.1	39.4	39.7	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8
≥ 12000	30.3	40.6	41.9	42.9	43.2	43.5	43.6	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
≥ 10000	32.7	44.1	45.5	46.5	46.7	47.0	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
≥ 9000	33.7	45.6	47.0	48.0	48.4	48.7	48.9	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 8000	34.6	47.2	48.7	49.8	50.3	50.6	50.8	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 7000	35.7	48.7	50.2	51.3	51.8	52.1	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
≥ 6000	36.0	49.4	51.0	52.2	52.7	53.0	53.3	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
≥ 5000	36.7	50.7	52.4	53.5	54.1	54.4	54.7	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 4500	37.4	51.9	53.6	54.8	55.3	55.6	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 4000	42.1	57.5	59.3	60.5	61.0	61.3	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 3500	47.2	64.4	66.1	67.5	68.1	68.4	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 3000	55.9	75.9	78.1	80.0	80.6	81.1	81.6	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 2500	59.5	81.0	83.7	86.2	87.1	87.6	88.1	88.3	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 2000	60.8	83.6	86.7	89.8	91.1	91.7	92.3	92.5	92.5	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 1800	60.8	84.0	87.4	90.7	92.3	92.9	93.4	93.7	93.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 1500	60.8	84.4	88.1	91.6	93.2	94.0	94.6	95.0	95.0	95.3	95.3	95.3	95.4	95.4	95.4	95.4
≥ 1200	60.9	84.9	88.8	92.3	94.1	95.0	95.7	96.2	96.2	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1000	61.1	85.2	89.1	92.6	94.7	95.7	96.4	96.9	96.9	97.6	97.7	97.7	97.7	97.7	97.8	97.8
≥ 900	61.1	85.2	89.1	92.6	94.8	95.8	96.4	97.0	97.0	97.8	97.8	97.8	97.9	97.9	98.0	98.0
≥ 800	61.1	85.2	89.1	92.8	95.0	95.9	96.7	97.3	97.3	98.1	98.3	98.3	98.4	98.4	98.4	98.4
≥ 700	61.1	85.3	89.2	93.0	95.2	96.1	96.8	97.5	97.5	98.4	98.6	98.6	98.7	98.7	98.7	98.7
≥ 600	61.1	85.5	89.4	93.2	95.4	96.5	97.3	98.0	98.0	99.0	99.2	99.2	99.3	99.3	99.3	99.3
≥ 500	61.1	85.6	89.6	93.4	95.6	96.7	97.5	98.4	98.4	99.4	99.6	99.6	99.8	99.8	99.8	99.8
≥ 400	61.1	85.6	89.6	93.4	95.6	96.7	97.5	98.4	98.4	99.4	99.6	99.6	99.8	99.8	99.8	99.8
≥ 300	61.1	85.6	89.6	93.4	95.6	96.7	97.5	98.4	98.5	99.5	99.8	99.8	99.9	99.9	100.0	100.0
≥ 200	61.1	85.6	89.6	93.4	95.6	96.7	97.5	98.4	98.5	99.5	99.8	99.8	99.9	99.9	100.0	100.0
≥ 100	61.1	85.6	89.6	93.4	95.6	96.7	97.5	98.4	98.5	99.5	99.8	99.8	99.9	99.9	100.0	100.0
≥ 0	61.1	85.6	89.6	93.4	95.6	96.7	97.5	98.4	98.5	99.5	99.8	99.8	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1672

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

# CEILING VERSUS VISIBILITY

43310 FUKUCKA KYUSHU JAPAN/ITAZUKE AB

47-64

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/32	≥ 0
NO CEILING	13.9	18.4	19.4	20.0	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.2	20.2
≥ 20000	25.9	33.8	35.1	35.9	36.1	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.3	36.3
≥ 18000	26.4	34.9	36.2	37.1	37.3	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.5	37.5
≥ 16000	27.2	35.8	37.2	38.1	38.3	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4
≥ 14000	29.2	38.2	39.7	40.6	40.8	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
≥ 12000	31.7	41.8	43.5	44.6	44.8	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
≥ 10000	33.5	44.6	46.6	47.8	48.0	48.1	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
≥ 9000	34.6	46.0	47.9	49.3	49.5	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.8	49.8
≥ 8000	36.2	48.0	50.0	51.7	51.9	52.1	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
≥ 7000	37.7	50.0	52.1	54.0	54.2	54.5	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.9	54.9
≥ 6000	38.1	50.4	52.5	54.5	54.7	54.9	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 5000	39.1	52.2	54.3	56.2	56.4	56.7	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.1	57.1
≥ 4500	40.1	54.0	56.1	58.1	58.3	58.6	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	59.0	59.0
≥ 4000	44.7	59.8	62.2	64.3	64.6	64.8	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 3500	49.3	65.9	68.3	70.8	71.0	71.3	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.8	71.8	71.8
≥ 3000	56.0	75.3	78.2	81.0	81.4	81.9	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.6	82.6
≥ 2500	58.9	80.1	83.2	86.2	86.9	87.4	87.9	88.0	88.0	88.1	88.1	88.1	88.2	88.2	88.2	88.2
≥ 2000	60.8	83.4	86.8	90.0	91.0	91.6	92.1	92.3	92.3	92.6	92.7	92.7	92.8	92.8	92.9	92.9
≥ 1800	60.9	83.7	87.3	90.5	91.5	92.1	92.6	92.9	92.9	93.1	93.2	93.2	93.4	93.4	93.4	93.4
≥ 1500	61.2	84.6	88.3	91.9	93.1	93.7	94.4	94.8	94.9	95.3	95.5	95.5	95.6	95.6	95.6	95.6
≥ 1200	61.2	84.8	88.7	92.6	94.2	94.8	95.6	96.1	96.2	96.8	97.0	97.0	97.1	97.1	97.1	97.1
≥ 1000	61.2	84.8	88.7	92.8	94.4	95.0	95.9	96.5	96.5	97.4	97.5	97.5	97.6	97.6	97.7	97.7
≥ 900	61.2	84.9	88.8	92.9	94.5	95.2	96.1	96.7	96.7	97.5	97.7	97.7	97.8	97.8	97.8	97.8
≥ 800	61.2	84.9	88.8	92.9	94.6	95.3	96.2	97.0	97.0	97.8	98.0	98.0	98.1	98.1	98.1	98.1
≥ 700	61.2	84.9	88.8	93.0	94.7	95.5	96.4	97.4	97.5	98.4	98.6	98.6	98.7	98.7	98.7	98.7
≥ 600	61.3	85.0	89.0	93.3	95.0	95.9	97.0	98.1	98.1	99.0	99.2	99.2	99.3	99.3	99.4	99.4
≥ 500	61.3	85.2	89.2	93.5	95.2	96.1	97.1	98.4	98.4	99.4	99.6	99.6	99.7	99.7	99.8	99.8
≥ 400	61.3	85.2	89.2	93.5	95.2	96.1	97.1	98.4	98.4	99.5	99.6	99.6	99.8	99.8	99.8	99.8
≥ 300	61.3	85.2	89.2	93.5	95.2	96.1	97.1	98.4	98.5	99.5	99.7	99.7	99.9	99.9	99.9	99.9
≥ 200	61.3	85.2	89.2	93.5	95.2	96.1	97.1	98.4	98.5	99.6	99.8	99.8	99.9	99.9	100.0	100.0
≥ 100	61.3	85.2	89.2	93.5	95.2	96.1	97.1	98.4	98.5	99.6	99.8	99.8	99.9	99.9	100.0	100.0
≥ 0	61.3	85.2	89.2	93.5	95.2	96.1	97.1	98.4	98.5	99.6	99.8	99.8	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1673

1210WS FORM JUL 64 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

## CEILING VERSUS VISIBILITY

43310  
STATION

FUKUOKA KYUSHU JAPAN/ITAZUKE AB  
STATION NAME

47-64  
YEARS

JUL  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1800-2000  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	13.6	21.0	21.8	22.4	22.6	22.7	22.7	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8
≥ 20000	23.2	35.8	36.9	38.1	38.5	38.7	38.9	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
≥ 18000	23.6	36.6	37.7	38.9	39.3	39.5	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
≥ 16000	23.9	37.3	38.5	39.7	40.1	40.3	40.5	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6
≥ 14000	25.5	39.6	40.9	42.1	42.5	42.8	43.0	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
≥ 12000	27.5	43.0	44.5	45.9	46.4	46.7	46.9	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
≥ 10000	29.6	45.8	47.6	49.3	49.9	50.2	50.4	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
≥ 9000	30.2	47.0	48.8	50.6	51.2	51.5	51.8	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 8000	31.2	49.3	51.4	53.4	54.2	54.5	54.8	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
≥ 7000	32.1	51.0	53.1	55.2	56.0	56.3	56.7	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥ 6000	33.2	52.5	54.8	56.9	57.7	58.0	58.5	58.7	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8
≥ 5000	33.8	53.7	56.1	58.2	58.9	59.2	59.7	60.0	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1
≥ 4500	34.5	55.3	58.0	60.2	61.0	61.3	61.8	62.1	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 4000	37.2	59.5	62.4	64.9	65.9	66.4	67.1	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 3500	40.4	64.3	68.0	70.9	72.1	72.7	73.4	73.6	73.6	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 3000	43.4	69.7	74.0	77.4	78.8	79.4	80.3	80.6	80.6	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 2500	45.7	74.6	79.4	83.1	84.6	85.2	86.1	86.6	86.6	87.0	87.0	87.1	87.1	87.1	87.1	87.1
≥ 2000	46.7	77.7	82.8	86.8	88.6	89.4	90.7	91.4	91.4	91.9	91.9	92.0	92.0	92.0	92.0	92.0
≥ 1800	46.9	78.0	83.4	87.9	89.7	90.7	92.0	92.8	92.8	93.3	93.3	93.4	93.4	93.4	93.4	93.4
≥ 1500	47.0	78.7	84.4	89.5	91.4	92.5	93.8	94.6	94.7	95.2	95.2	95.3	95.3	95.3	95.3	95.3
≥ 1200	47.0	79.1	85.0	90.1	92.2	93.2	94.6	95.6	95.6	96.2	96.2	96.3	96.3	96.3	96.3	96.3
≥ 1000	47.1	79.2	85.2	90.4	92.6	93.7	95.0	96.1	96.1	96.8	96.9	97.0	97.0	97.0	97.0	97.0
≥ 900	47.1	79.3	85.5	90.7	92.9	94.0	95.5	96.5	96.6	97.2	97.4	97.5	97.5	97.5	97.5	97.5
≥ 800	47.1	79.5	85.8	91.0	93.2	94.4	95.8	96.9	97.0	97.8	98.0	98.1	98.3	98.3	98.3	98.3
≥ 700	47.1	79.5	85.8	91.0	93.2	94.4	95.9	97.1	97.2	98.1	98.3	98.4	98.6	98.6	98.6	98.6
≥ 600	47.1	79.5	85.9	91.1	93.4	94.6	96.1	97.5	97.6	98.6	98.7	98.9	99.1	99.1	99.2	99.2
≥ 500	47.1	79.7	86.3	91.5	93.8	95.0	96.5	98.0	98.0	99.2	99.3	99.5	99.7	99.7	99.8	99.8
≥ 400	47.1	79.7	86.3	91.5	93.8	95.1	96.6	98.1	98.1	99.3	99.5	99.6	99.8	99.8	99.9	99.9
≥ 300	47.1	79.7	86.4	91.6	93.9	95.2	96.6	98.1	98.2	99.5	99.6	99.7	99.9	99.9	100.0	100.0
≥ 200	47.1	79.7	86.4	91.6	93.9	95.2	96.6	98.1	98.2	99.5	99.6	99.7	99.9	99.9	100.0	100.0
≥ 100	47.1	79.7	86.4	91.6	93.9	95.2	96.6	98.1	98.2	99.5	99.6	99.7	99.9	99.9	100.0	100.0
≥ 0	47.1	79.7	86.4	91.6	93.9	95.2	96.6	98.1	98.2	99.5	99.6	99.7	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1671

1210WS FORM 0-14-5 (Det 50) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

# CEILING VERSUS VISIBILITY

4331C FUKUOKA KYUSHU JAPAN/ITAZUKE AB

47-64

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	16.1	36.3	38.8	40.5	41.0	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
≥ 20000	19.7	43.7	47.0	49.6	50.4	50.4	50.6	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 18000	19.7	44.2	47.5	50.1	50.9	50.9	51.1	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
≥ 16000	19.9	44.5	47.8	50.4	51.2	51.3	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
≥ 14000	20.6	46.6	50.3	52.9	53.7	53.8	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥ 12000	21.7	49.1	52.8	55.5	56.4	56.4	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 10000	23.2	51.7	55.8	58.9	59.8	59.8	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 9000	23.4	52.4	56.7	60.0	60.9	60.9	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 8000	23.6	53.7	58.3	61.8	62.9	63.0	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 7000	23.9	54.6	59.4	63.0	64.0	64.1	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 6000	24.3	55.4	60.3	63.9	65.1	65.1	65.4	65.5	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 5000	24.8	57.3	62.4	66.2	67.3	67.4	67.7	67.8	67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 4500	25.1	58.1	63.3	67.2	68.3	68.4	68.7	68.8	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 4000	25.9	60.4	66.0	70.2	71.5	71.7	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 3500	27.3	64.2	69.9	74.7	76.1	76.3	76.7	76.8	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 3000	29.7	69.7	75.8	80.9	82.8	83.1	83.7	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 2500	30.5	72.9	79.5	85.0	87.0	87.4	88.3	88.4	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 2000	30.8	75.9	82.7	88.4	90.5	90.9	91.9	92.2	92.2	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 1800	30.8	76.7	83.5	89.2	91.3	91.8	92.8	93.1	93.1	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 1500	31.0	77.4	84.8	90.7	92.9	93.5	94.6	95.0	95.0	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1200	31.2	78.3	86.1	92.2	94.5	95.2	96.5	96.9	96.9	97.4	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1000	31.2	78.3	86.4	92.5	94.9	95.5	96.9	97.3	97.3	97.8	97.9	97.9	97.9	97.9	97.9	97.9
≥ 900	31.2	78.5	86.7	93.0	95.4	96.1	97.5	97.9	97.9	98.4	98.5	98.5	98.5	98.5	98.5	98.5
≥ 800	31.2	78.5	87.0	93.4	95.8	96.4	97.8	98.3	98.3	98.8	98.9	98.9	98.9	98.9	98.9	98.9
≥ 700	31.2	78.6	87.1	93.6	96.0	96.7	98.3	98.7	98.7	99.2	99.3	99.3	99.3	99.3	99.3	99.3
≥ 600	31.3	78.8	87.3	93.7	96.2	96.9	98.5	98.9	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500	31.3	78.8	87.3	93.7	96.2	96.9	98.5	98.9	99.0	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	31.3	78.8	87.3	93.7	96.2	96.9	98.5	99.0	99.0	99.6	99.6	99.6	99.6	99.6	99.7	99.7
≥ 300	31.4	78.9	87.4	93.9	96.3	97.1	98.7	99.2	99.2	99.8	99.8	99.8	99.8	99.8	99.9	99.9
≥ 200	31.4	78.9	87.5	94.0	96.4	97.1	98.7	99.2	99.3	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	31.4	79.0	87.6	94.0	96.5	97.2	98.8	99.3	99.3	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 0	31.4	79.0	87.6	94.0	96.5	97.2	98.8	99.3	99.3	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1671

1210WS FORM 0-14-5 (Det 50) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

## CEILING VERSUS VISIBILITY

43310  
STATION

FUKUCKA KYUSHU JAPAN/ITAZUKE AB  
STATION NAME

47-64  
YEARS

AUG  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0000-0200  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ 0
NO CEILING	14.9	46.3	50.5	52.7	53.5	53.6	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 20000	17.4	52.2	58.9	62.4	64.0	64.1	64.3	64.4	64.4	64.5	64.5	64.5	64.5	64.5	64.5
≥ 18000	17.4	52.4	59.1	62.7	64.2	64.3	64.6	64.6	64.6	64.8	64.8	64.8	64.8	64.8	64.8
≥ 16000	17.6	53.0	59.7	63.3	64.8	64.9	65.2	65.2	65.2	65.4	65.4	65.4	65.4	65.4	65.4
≥ 14000	18.0	54.5	61.5	65.5	67.1	67.2	67.4	67.5	67.5	67.6	67.6	67.6	67.6	67.6	67.6
≥ 12000	19.1	56.4	63.3	67.3	69.4	69.5	69.7	69.8	69.8	69.9	69.9	69.9	69.9	69.9	69.9
≥ 10000	20.2	59.1	66.4	70.8	73.1	73.3	73.6	73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.8
≥ 9000	20.5	59.8	67.6	72.0	74.3	74.6	74.9	75.0	75.0	75.1	75.1	75.1	75.1	75.1	75.1
≥ 8000	20.7	60.8	68.9	73.5	75.8	76.2	76.5	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.6
≥ 7000	21.2	62.5	70.7	75.3	77.7	78.1	78.4	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7
≥ 6000	21.3	63.1	71.4	76.1	78.5	78.9	79.2	79.3	79.3	79.5	79.5	79.5	79.5	79.5	79.5
≥ 5000	21.5	64.5	72.8	77.5	79.9	80.3	80.6	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9
≥ 4500	21.7	65.5	73.9	78.7	81.1	81.5	81.9	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.1
≥ 4000	22.2	68.0	76.6	81.5	83.9	84.3	84.7	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9
≥ 3500	22.5	70.4	79.6	84.5	87.0	87.5	87.9	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2
≥ 3000	23.2	72.9	82.3	87.5	90.1	90.6	91.2	91.3	91.3	91.5	91.5	91.5	91.5	91.5	91.5
≥ 2500	23.6	74.6	84.1	89.2	92.4	92.8	93.4	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7
≥ 2000	24.3	76.5	86.2	91.5	94.7	95.3	95.9	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1800	24.3	76.6	86.3	91.6	94.9	95.6	96.2	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1500	24.3	76.6	86.4	91.7	95.0	95.7	96.3	96.5	96.5	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1200	24.3	77.1	87.0	92.6	96.2	97.0	97.6	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1000	24.3	77.5	87.7	93.3	97.1	97.8	98.7	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2
≥ 900	24.3	77.5	87.8	93.5	97.3	98.0	98.9	99.0	99.1	99.3	99.3	99.3	99.3	99.3	99.3
≥ 800	24.3	77.5	87.9	93.6	97.4	98.1	99.0	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5
≥ 700	24.3	77.7	88.1	93.7	97.6	98.4	99.2	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	24.3	77.7	88.1	93.8	97.7	98.4	99.3	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	24.3	77.7	88.1	93.8	97.7	98.5	99.4	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	24.3	77.7	88.2	93.9	97.8	98.6	99.5	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0
≥ 300	24.3	77.7	88.2	93.9	97.8	98.6	99.5	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0
≥ 200	24.3	77.7	88.2	93.9	97.8	98.6	99.5	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0
≥ 100	24.3	77.7	88.2	93.9	97.8	98.6	99.5	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0
≥ 0	24.3	77.7	88.2	93.9	97.8	98.6	99.5	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1674

1210WS FORM 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

## CEILING VERSUS VISIBILITY

43310 FUKUOKA KYUSHU JAPAN/ITAZUKE AB

47-64

AUG

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0300-0500  
HOURS (S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	10.9	42.0	47.0	50.1	51.3	51.5	51.9	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
≥ 20000	12.4	46.2	53.3	57.6	60.0	60.3	60.7	60.8	60.8	61.1	61.1	61.1	61.1	61.1	61.1	61.1
≥ 18000	12.5	46.6	53.7	58.0	60.4	60.7	61.1	61.3	61.3	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 16000	12.7	46.9	54.0	58.4	60.8	61.1	61.5	61.7	61.7	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 14000	13.5	48.8	56.2	60.5	63.0	63.3	63.7	63.9	63.9	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 12000	14.0	50.3	57.7	62.5	65.0	65.3	65.8	65.9	65.9	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 10000	14.9	53.0	60.7	66.0	68.9	69.2	69.6	69.8	69.8	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 9000	15.2	53.8	61.7	67.1	70.0	70.4	70.8	71.0	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 8000	15.4	55.2	63.2	68.7	71.7	72.0	72.4	72.6	72.6	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 7000	16.1	56.2	64.3	69.8	72.8	73.2	73.6	73.8	73.8	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 6000	16.4	57.3	65.4	71.0	74.1	74.4	74.8	75.0	75.0	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 5000	16.8	59.0	67.2	72.9	75.9	76.3	76.7	76.9	76.9	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 4500	16.9	60.2	68.4	74.2	77.3	77.7	78.2	78.4	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 4000	17.3	63.2	71.8	77.8	81.0	81.4	81.9	82.1	82.1	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 3500	17.6	65.7	74.5	80.8	84.2	84.6	85.2	85.4	85.4	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 3000	18.6	69.3	78.5	84.9	88.5	88.9	89.7	89.9	89.9	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 2500	18.9	70.9	80.4	87.1	90.7	91.1	91.8	92.1	92.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 2000	19.1	72.4	82.4	89.7	93.3	93.7	94.7	94.9	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 1800	19.1	72.5	82.5	89.6	93.6	94.1	95.1	95.3	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1500	19.1	72.8	83.0	90.1	94.5	95.0	96.0	96.2	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1200	19.1	73.3	83.6	91.2	95.6	96.2	97.5	97.8	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1000	19.1	73.8	84.2	91.9	96.3	97.0	98.3	98.6	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 900	19.1	73.8	84.2	92.0	96.5	97.1	98.4	98.8	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 800	19.1	73.9	84.3	92.1	96.6	97.3	98.6	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 700	19.1	73.9	84.3	92.2	96.7	97.4	98.7	99.0	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	19.1	73.9	84.3	92.2	96.8	97.4	98.8	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500	19.1	73.9	84.3	92.2	96.8	97.5	98.9	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	19.1	73.9	84.3	92.2	96.8	97.5	98.9	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	19.1	73.9	84.3	92.2	96.8	97.5	98.9	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	19.1	73.9	84.3	92.2	96.8	97.5	98.9	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	19.1	73.9	84.3	92.2	96.8	97.5	98.9	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0	19.1	73.9	84.3	92.2	96.8	97.5	98.9	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 1673

1210WS FORM 0-14-5 (Det 50) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

## CEILING VERSUS VISIBILITY

43310 FUKUCKA KYUSHU JAPAN/ITAZUKE AB

47-64

AUG

STATION

STATION NAME

YEARS

MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	11.7	28.6	33.3	36.6	39.4	40.6	42.4	43.7	43.7	44.0	44.0	44.0	44.0	44.0	44.0	44.0
≥ 20000	15.7	36.7	43.2	47.6	52.2	53.6	55.9	57.6	57.6	58.1	58.2	58.2	58.2	58.2	58.2	58.2
≥ 18000	15.7	36.9	43.4	47.7	52.3	53.7	56.0	57.7	57.8	58.2	58.3	58.3	58.4	58.4	58.4	58.4
≥ 16000	16.1	37.5	44.1	48.7	53.3	54.8	57.1	58.8	58.8	59.3	59.4	59.4	59.4	59.4	59.4	59.4
≥ 14000	17.3	39.8	46.8	51.6	56.3	57.8	60.2	61.9	62.0	62.5	62.6	62.6	62.7	62.7	62.7	62.7
≥ 12000	18.5	42.1	49.6	54.9	59.8	61.4	64.0	65.9	65.9	66.5	66.5	66.5	66.6	66.6	66.6	66.6
≥ 10000	19.4	44.3	52.1	57.5	62.6	64.2	67.1	69.0	69.1	69.7	69.8	69.8	69.8	69.8	69.8	69.8
≥ 9000	19.6	44.9	52.7	58.2	63.6	65.2	68.1	70.1	70.1	70.8	70.9	70.9	71.0	71.0	71.0	71.0
≥ 8000	20.5	46.8	55.0	60.8	66.2	67.9	70.9	72.9	72.9	73.6	73.8	73.8	73.8	73.8	73.8	73.8
≥ 7000	20.9	47.4	55.9	61.8	67.2	68.9	71.9	73.9	74.0	74.6	74.9	74.9	74.9	74.9	74.9	74.9
≥ 6000	21.3	48.1	56.7	62.5	68.0	69.7	72.8	74.7	74.8	75.4	75.7	75.7	75.7	75.7	75.7	75.7
≥ 5000	21.7	49.0	57.6	63.7	69.3	71.1	74.3	76.5	76.6	77.2	77.5	77.5	77.5	77.5	77.5	77.5
≥ 4500	22.2	49.9	58.7	64.9	70.5	72.4	75.6	77.8	77.8	78.5	78.7	78.7	78.8	78.8	78.8	78.8
≥ 4000	22.8	52.6	61.5	67.9	73.7	75.5	78.9	81.3	81.4	82.0	82.3	82.3	82.4	82.4	82.4	82.4
≥ 3500	23.5	54.2	63.2	69.7	75.9	77.7	81.2	83.7	83.8	84.5	84.8	84.8	84.8	84.8	84.8	84.8
≥ 3000	25.0	57.3	66.5	73.2	79.7	81.7	85.5	88.2	88.4	89.0	89.3	89.3	89.4	89.4	89.4	89.4
≥ 2500	25.8	59.8	69.1	76.4	83.0	85.1	89.1	91.8	92.1	92.7	93.1	93.1	93.1	93.1	93.1	93.1
≥ 2000	25.9	60.9	70.6	78.2	85.1	87.3	91.3	94.2	94.4	95.1	95.5	95.5	95.6	95.6	95.6	95.6
≥ 1800	25.9	61.2	70.8	78.4	85.4	87.6	91.6	94.5	94.7	95.4	95.8	95.8	95.9	95.9	95.9	95.9
≥ 1500	26.1	61.6	71.4	79.3	86.5	88.7	93.0	96.0	96.3	97.0	97.4	97.4	97.5	97.5	97.5	97.5
≥ 1200	26.2	61.8	71.7	79.7	87.0	89.2	93.5	96.7	97.0	97.6	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1000	26.2	61.9	71.9	79.9	87.3	89.5	93.9	97.1	97.4	98.1	98.6	98.6	98.7	98.7	98.7	98.7
≥ 900	26.2	61.9	71.9	79.9	87.3	89.6	94.0	97.3	97.6	98.4	98.9	98.9	99.0	99.0	99.0	99.0
≥ 800	26.2	62.1	72.0	80.0	87.5	89.7	94.1	97.5	97.8	98.6	99.2	99.2	99.2	99.2	99.2	99.2
≥ 700	26.2	62.1	72.0	80.0	87.5	89.8	94.2	97.6	97.8	98.7	99.2	99.2	99.3	99.3	99.3	99.3
≥ 600	26.2	62.1	72.0	80.0	87.5	89.8	94.2	97.7	98.0	98.9	99.4	99.4	99.5	99.5	99.5	99.5
≥ 500	26.2	62.1	72.0	80.0	87.5	89.8	94.2	97.7	98.0	99.0	99.5	99.5	99.6	99.6	99.6	99.6
≥ 400	26.2	62.1	72.0	80.0	87.5	89.8	94.2	97.7	98.0	99.0	99.6	99.6	99.7	99.7	99.7	99.8
≥ 300	26.2	62.1	72.0	80.0	87.5	89.8	94.2	97.7	98.0	99.0	99.6	99.6	99.7	99.7	99.7	99.8
≥ 200	26.2	62.1	72.0	80.0	87.6	89.8	94.3	97.8	98.1	99.1	99.7	99.7	99.8	99.8	99.8	99.9
≥ 100	26.2	62.1	72.0	80.0	87.6	89.8	94.3	97.8	98.1	99.1	99.7	99.7	99.8	99.8	99.8	100.0
≥ 0	26.2	62.1	72.0	80.0	87.6	89.8	94.3	97.8	98.1	99.1	99.7	99.7	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 1674

1210WS FORM JUL 64 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING DIVISION  
ETAC, USAF  
ASPEVILLE, N. C. 28801

## CEILING VERSUS VISIBILITY

4331C  
STATION

FUKUOKA KYUSHU JAPAN/ITAZUKE AB  
STATION NAME

47-64  
YEARS

AUG  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0900-1100  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	17.3	32.1	33.9	36.7	37.6	38.1	38.3	38.4	38.4	38.5	38.5	38.5	38.5	38.5	38.5	38.6
≥ 20000	26.5	46.3	48.6	52.5	54.2	54.8	55.1	55.3	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.5
≥ 18000	27.0	47.0	49.3	53.2	54.9	55.6	55.9	56.0	56.0	56.2	56.2	56.2	56.2	56.2	56.2	56.2
≥ 16000	27.7	48.0	50.5	54.5	56.2	56.8	57.1	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.5
≥ 14000	29.5	50.8	53.5	57.4	59.1	59.9	60.3	60.5	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 12000	31.3	53.6	56.4	60.4	62.2	63.0	63.3	63.5	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.7
≥ 10000	33.4	56.8	59.9	64.2	66.0	66.8	67.1	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.5
≥ 9000	34.1	57.8	60.9	65.2	67.0	67.8	68.2	68.3	68.3	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 8000	35.1	59.7	63.0	67.3	69.3	70.1	70.4	70.6	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 7000	36.3	61.1	64.5	68.8	71.0	71.8	72.2	72.3	72.3	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 6000	36.6	61.9	65.3	69.7	71.9	72.8	73.2	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 5000	37.0	63.3	66.7	71.2	73.4	74.3	74.7	75.0	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.2
≥ 4500	37.5	63.9	67.4	72.0	74.1	75.1	75.5	75.8	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 4000	38.0	66.4	70.0	74.7	76.9	77.9	78.3	78.6	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.9
≥ 3500	40.4	69.1	72.8	77.7	79.9	80.9	81.3	81.6	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 3000	44.6	75.1	79.1	84.3	86.9	87.9	88.4	88.7	88.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 2500	46.8	78.7	82.9	88.5	91.2	92.2	92.8	93.2	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 2000	47.6	80.7	85.2	91.2	94.0	95.1	95.7	96.2	96.4	96.5	96.5	96.5	96.6	96.6	96.6	96.7
≥ 1800	47.8	81.2	85.7	91.8	94.6	95.6	96.3	96.8	97.0	97.1	97.1	97.1	97.2	97.2	97.2	97.3
≥ 1500	48.1	81.6	86.3	92.4	95.2	96.4	97.3	97.8	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.2
≥ 1200	48.1	81.8	86.6	92.8	95.7	97.0	97.8	98.4	98.6	98.7	98.7	98.7	98.8	98.8	98.8	98.9
≥ 1000	48.1	82.0	86.8	93.0	95.9	97.2	98.1	98.7	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.1
≥ 900	48.1	82.0	86.8	93.0	96.0	97.3	98.1	98.7	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.2
≥ 800	48.1	82.1	86.9	93.0	96.1	97.3	98.2	98.9	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.4
≥ 700	48.1	82.1	86.9	93.0	96.1	97.3	98.3	99.0	99.2	99.4	99.5	99.5	99.6	99.6	99.6	99.6
≥ 600	48.1	82.1	86.9	93.0	96.1	97.3	98.4	99.1	99.3	99.5	99.6	99.6	99.7	99.7	99.7	99.8
≥ 500	48.1	82.1	86.9	93.0	96.1	97.3	98.4	99.2	99.3	99.6	99.7	99.7	99.8	99.8	99.8	99.8
≥ 400	48.1	82.1	86.9	93.1	96.1	97.4	98.4	99.2	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.9
≥ 300	48.1	82.1	86.9	93.1	96.1	97.4	98.4	99.3	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9
≥ 200	48.1	82.1	86.9	93.1	96.1	97.4	98.5	99.3	99.5	99.8	99.9	99.9	99.9	99.9	99.9	100.0
≥ 100	48.1	82.1	86.9	93.1	96.1	97.4	98.5	99.3	99.5	99.8	99.9	99.9	99.9	99.9	99.9	100.0
≥ 0	48.1	82.1	86.9	93.1	96.1	97.4	98.5	99.3	99.5	99.8	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 1674

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

## CEILING VERSUS VISIBILITY

43310  
STATION

FUKUCKA KYUSHU JAPAN/ITAZUKE AB  
STATION NAME

47-64  
YEARS

AUG  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	20.7	29.9	31.9	32.7	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1
≥ 20000	34.6	49.1	51.6	52.7	53.4	53.6	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
≥ 18000	35.4	50.1	52.5	53.7	54.5	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 16000	35.9	50.7	53.4	54.5	55.3	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 14000	37.7	53.3	56.0	57.1	57.9	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 12000	39.3	56.0	58.7	59.8	60.6	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 10000	40.8	58.5	61.3	62.4	63.2	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
≥ 9000	41.3	59.3	62.0	63.2	64.0	64.1	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 8000	42.4	60.8	63.7	64.8	65.6	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 7000	43.4	61.9	64.8	65.9	66.8	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 6000	43.8	62.8	65.8	66.9	67.8	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 5000	44.8	64.3	67.4	68.6	69.5	69.6	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 4500	45.5	65.4	68.5	69.6	70.5	70.7	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 4000	49.1	70.0	73.3	74.5	75.4	75.7	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 3500	52.2	74.7	78.1	79.3	80.2	80.5	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 3000	58.4	82.5	86.2	87.6	88.6	88.9	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 2500	60.5	86.0	89.8	91.5	92.7	93.0	93.4	93.5	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.6
≥ 2000	61.5	88.1	92.3	94.1	95.5	95.8	96.2	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 1800	61.6	88.2	92.5	94.4	95.7	96.1	96.4	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1500	61.7	88.6	92.9	94.8	96.3	96.8	97.1	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1200	61.8	88.8	93.2	95.1	96.7	97.2	97.5	97.8	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1000	61.9	88.9	93.3	95.3	97.1	97.5	98.0	98.3	98.4	98.6	98.8	98.8	98.8	98.8	98.8	98.8
≥ 900	61.9	88.9	93.4	95.5	97.3	97.8	98.2	98.7	98.9	99.0	99.2	99.2	99.2	99.2	99.2	99.2
≥ 800	61.9	88.9	93.4	95.5	97.4	97.9	98.3	98.9	99.0	99.2	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	61.9	88.9	93.4	95.5	97.5	98.0	98.4	99.0	99.2	99.3	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	61.9	88.9	93.4	95.5	97.5	98.0	98.4	99.0	99.2	99.3	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	61.9	88.9	93.4	95.5	97.5	98.0	98.5	99.1	99.2	99.5	99.7	99.7	99.8	99.8	99.8	99.8
≥ 400	61.9	88.9	93.5	95.6	97.7	98.1	98.6	99.2	99.3	99.6	99.8	99.8	99.9	99.9	99.9	99.9
≥ 300	61.9	89.0	93.6	95.6	97.7	98.2	98.7	99.3	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	61.9	89.0	93.6	95.6	97.7	98.2	98.7	99.3	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	61.9	89.0	93.6	95.6	97.7	98.2	98.7	99.3	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	61.9	89.0	93.6	95.6	97.7	98.2	98.7	99.3	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1673

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

## CEILING VERSUS VISIBILITY

43310  
STATION

FUKUOKA KYUSHU JAPAN/ITAZUKE AB  
STATION NAME

47-64  
YEARS

AUG  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	22.4	29.0	30.2	30.9	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2
≥ 20000	35.2	47.4	49.3	50.1	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
≥ 18000	36.0	48.3	50.3	51.1	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
≥ 16000	36.4	49.0	51.0	51.8	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
≥ 14000	38.5	52.0	54.2	55.0	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 12000	40.5	54.7	57.2	58.0	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 10000	42.6	57.6	60.2	61.0	61.3	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥ 9000	43.0	58.6	61.3	62.1	62.5	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 8000	43.6	60.0	62.8	63.6	64.0	64.0	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 7000	44.2	61.0	63.8	64.6	65.0	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 6000	45.2	62.2	65.1	65.8	66.3	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 5000	46.7	64.3	67.3	68.1	68.5	68.5	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 4500	46.9	64.9	67.9	68.7	69.1	69.3	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 4000	50.2	69.6	72.7	73.5	74.1	74.2	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 3500	54.6	75.9	79.2	80.1	80.7	80.9	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 3000	59.3	82.7	86.7	87.9	88.8	89.0	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 2500	61.4	86.0	90.2	91.8	92.8	93.0	93.5	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 2000	62.1	87.6	92.1	93.9	95.1	95.4	96.0	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1800	62.1	87.8	92.3	94.1	95.3	95.6	96.2	96.3	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1500	62.2	88.1	92.7	94.9	96.2	96.5	97.1	97.3	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1200	62.2	88.4	93.3	95.6	97.0	97.3	97.9	98.1	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1000	62.2	88.4	93.5	95.9	97.5	97.8	98.4	98.9	99.0	99.4	99.5	99.5	99.5	99.5	99.6	99.6
≥ 900	62.2	88.4	93.5	95.9	97.6	97.9	98.5	99.0	99.1	99.5	99.6	99.6	99.6	99.6	99.7	99.7
≥ 800	62.2	88.4	93.5	95.9	97.6	97.9	98.5	99.0	99.1	99.5	99.6	99.6	99.6	99.6	99.7	99.7
≥ 700	62.2	88.4	93.5	95.9	97.6	97.9	98.5	99.0	99.1	99.5	99.6	99.6	99.6	99.6	99.7	99.7
≥ 600	62.2	88.4	93.5	95.9	97.6	97.9	98.5	99.0	99.2	99.5	99.6	99.6	99.7	99.7	99.8	99.8
≥ 500	62.2	88.4	93.5	95.9	97.6	97.9	98.5	99.0	99.2	99.6	99.7	99.7	99.8	99.8	99.8	99.8
≥ 400	62.2	88.4	93.5	95.9	97.6	97.9	98.6	99.0	99.2	99.6	99.8	99.8	99.8	99.8	99.9	99.9
≥ 300	62.2	88.4	93.5	95.9	97.6	97.9	98.6	99.0	99.2	99.6	99.8	99.8	99.9	99.9	100.0	100.0
≥ 200	62.2	88.4	93.5	95.9	97.6	97.9	98.6	99.0	99.2	99.6	99.8	99.8	99.9	99.9	100.0	100.0
≥ 100	62.2	88.4	93.5	95.9	97.6	97.9	98.6	99.0	99.2	99.6	99.8	99.8	99.9	99.9	100.0	100.0
≥ 0	62.2	88.4	93.5	95.9	97.6	97.9	98.6	99.0	99.2	99.6	99.8	99.8	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1666

1210WS FORM 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

## CEILING VERSUS VISIBILITY

43310  
STATION

FUKUOKA KYUSHU JAPAN/ITAZUKE AB  
STATION NAME

47-64  
YEARS

AUG  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1800-2000  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0	
NO CEILING	19.4	29.4	30.7	32.2	32.8	33.1	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	
≥ 20000	30.3	47.1	49.6	52.0	53.0	53.4	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	
≥ 18000	30.6	47.7	50.3	52.6	53.7	54.1	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	
≥ 16000	30.9	48.4	51.0	53.3	54.3	54.7	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	
≥ 14000	32.5	51.4	54.4	56.9	58.2	58.6	58.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	
≥ 12000	34.2	53.6	57.1	59.7	61.0	61.4	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	
≥ 10000	34.7	55.2	58.9	61.8	63.1	63.5	64.0	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	
≥ 9000	35.3	56.3	60.1	62.9	64.3	64.7	65.3	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	
≥ 8000	35.9	57.9	61.7	64.7	66.1	66.6	67.2	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	
≥ 7000	36.2	58.6	62.6	65.8	67.3	67.8	68.4	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	
≥ 6000	36.8	59.4	63.3	66.5	68.2	68.7	69.3	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	
≥ 5000	37.2	61.0	65.1	68.3	70.1	70.7	71.4	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	
≥ 4500	37.2	61.3	65.5	68.8	70.7	71.2	71.9	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	
≥ 4000	39.6	65.9	70.1	73.4	75.4	76.0	76.7	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	
≥ 3500	41.8	69.7	74.3	77.7	79.9	80.6	81.4	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	
≥ 3000	44.5	75.1	79.9	83.6	86.1	86.8	87.6	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	
≥ 2500	46.0	78.5	83.9	87.8	90.3	91.1	92.0	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	
≥ 2000	46.3	80.0	85.6	89.7	92.3	93.2	94.1	94.7	94.8	94.9	95.0	95.0	95.0	95.0	95.0	95.0	
≥ 1800	46.5	80.6	86.2	90.6	93.2	94.2	95.2	95.8	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	
≥ 1500	46.5	80.8	86.5	91.2	93.9	95.0	96.1	96.7	96.8	97.1	97.2	97.2	97.2	97.2	97.2	97.2	
≥ 1200	46.5	81.0	86.7	91.5	94.4	95.4	96.5	97.2	97.3	97.6	97.7	97.7	97.7	97.7	97.7	97.7	
≥ 1000	46.5	81.2	86.9	91.9	94.8	95.9	97.1	97.9	98.0	98.4	98.6	98.6	98.6	98.6	98.6	98.6	
≥ 900	46.5	81.2	86.9	91.9	95.0	96.0	97.2	98.1	98.2	98.8	98.9	98.9	98.9	98.9	98.9	98.9	
≥ 800	46.5	81.2	87.0	92.1	95.3	96.5	97.7	98.6	98.7	99.3	99.4	99.4	99.4	99.4	99.4	99.4	
≥ 700	46.5	81.2	87.0	92.1	95.4	96.5	97.7	98.7	98.7	99.3	99.5	99.5	99.5	99.5	99.5	99.5	
≥ 600	46.5	81.2	87.0	92.1	95.4	96.6	97.8	98.7	98.9	99.5	99.7	99.7	99.7	99.7	99.7	99.7	
≥ 500	46.5	81.3	87.1	92.1	95.5	96.6	97.8	98.9	99.0	99.6	99.9	99.9	99.9	99.9	99.9	99.9	
≥ 400	46.5	81.3	87.1	92.1	95.5	96.6	97.8	98.9	99.0	99.6	99.9	99.9	99.9	99.9	99.9	99.9	
≥ 300	46.5	81.3	87.1	92.1	95.5	96.6	97.8	98.9	99.0	99.6	99.9	99.9	99.9	99.9	99.9	99.9	
≥ 200	46.5	81.3	87.1	92.1	95.5	96.6	97.8	98.9	99.0	99.6	99.9	99.9	99.9	99.9	99.9	99.9	
≥ 100	46.5	81.3	87.1	92.1	95.5	96.6	97.8	98.9	99.0	99.6	99.9	99.9	99.9	100.0	100.0	100.0	
≥ 0	46.5	81.3	87.1	92.1	95.5	96.6	97.8	98.9	99.0	99.6	99.9	99.9	99.9	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS 1668

1210WS FORM JUL 64 J-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

## CEILING VERSUS VISIBILITY

43310  
STATION

FUKUCKA KYUSHU JAPAN/ITAZUKE AB  
STATION NAME

47-64  
YEARS

AUG  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	18.0	45.0	47.0	49.5	50.9	51.0	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 20000	21.8	55.6	59.4	63.6	65.7	65.9	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 18000	22.0	56.1	59.9	64.1	66.2	66.4	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 16000	22.1	56.7	60.5	64.7	66.8	67.0	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 14000	22.4	57.9	62.0	66.5	68.8	68.9	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 12000	23.2	59.2	63.7	68.3	70.8	71.0	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 10000	23.9	60.6	65.4	70.1	72.8	73.0	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 9000	24.1	61.2	66.5	71.2	74.0	74.2	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 8000	24.5	62.9	68.5	73.3	76.2	76.4	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 7000	24.9	63.9	69.5	74.4	77.4	77.9	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 6000	25.1	64.9	70.7	75.7	78.7	79.1	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 5000	25.7	66.7	72.4	77.6	80.6	81.0	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 4500	25.9	68.0	73.8	79.1	82.2	82.6	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 4000	26.7	70.6	76.7	82.0	85.1	85.5	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 3500	27.0	72.2	78.5	84.1	87.4	87.8	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 3000	27.6	74.7	81.2	87.3	90.6	91.0	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 2500	28.3	77.0	83.7	89.7	93.1	93.6	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 2000	28.9	78.3	85.2	91.4	94.9	95.3	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 1800	29.3	78.9	85.8	92.1	95.5	96.0	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1500	29.3	79.1	86.2	92.7	96.2	96.8	97.7	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 1200	29.3	79.7	86.8	93.4	97.0	97.5	98.4	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1000	29.3	80.0	87.2	93.8	97.4	98.0	98.9	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	29.3	80.1	87.3	93.8	97.5	98.1	99.0	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 800	29.3	80.1	87.3	93.9	97.5	98.2	99.2	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	29.3	80.1	87.3	93.9	97.5	98.2	99.2	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	29.3	80.1	87.3	94.0	97.6	98.3	99.3	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	29.3	80.1	87.3	94.0	97.6	98.3	99.3	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	29.3	80.1	87.3	94.0	97.6	98.3	99.3	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	29.3	80.1	87.3	94.0	97.6	98.4	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	29.3	80.1	87.3	94.0	97.6	98.4	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	29.3	80.1	87.3	94.0	97.6	98.4	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	29.3	80.1	87.3	94.0	97.6	98.4	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1671

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

## CEILING VERSUS VISIBILITY

43310  
STATION

FUKUCKA KYUSHU JAPAN/ITAZUKE AB  
STATION NAME

46-64  
YEARS

SEP  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200  
HOURS (LST.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	9.8	37.0	40.7	43.2	43.9	44.1	44.2	44.3	44.3	44.3	44.4	44.4	44.4	44.4	44.4	44.4
≥ 20000	11.2	42.4	47.1	51.0	52.2	52.6	52.8	52.8	52.8	52.9	52.9	52.9	52.9	52.9	52.9	52.9
≥ 18000	11.3	42.8	47.6	51.5	52.7	53.0	53.2	53.3	53.3	53.3	53.4	53.4	53.4	53.4	53.4	53.4
≥ 16000	11.4	43.3	48.1	52.2	53.4	53.8	53.9	54.0	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1
≥ 14000	12.0	45.2	50.4	54.5	55.7	56.1	56.2	56.3	56.3	56.4	56.4	56.4	56.4	56.4	56.4	56.4
≥ 12000	12.7	47.9	53.4	57.8	59.2	59.6	59.7	59.8	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 10000	13.0	52.0	58.1	62.9	64.5	64.8	65.0	65.1	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.2
≥ 9000	13.2	53.3	59.7	64.5	66.1	66.6	66.8	66.8	66.8	66.9	67.0	67.0	67.0	67.0	67.0	67.0
≥ 8000	13.9	56.1	63.2	68.3	70.0	70.5	70.7	70.8	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9
≥ 7000	14.7	58.1	65.5	70.6	72.4	72.9	73.1	73.2	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.3
≥ 6000	14.9	59.6	67.3	72.6	74.5	75.1	75.3	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 5000	15.3	61.6	69.6	75.3	77.2	77.8	78.0	78.0	78.0	78.1	78.2	78.2	78.2	78.2	78.2	78.2
≥ 4500	15.6	62.5	70.5	76.6	78.5	79.2	79.3	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 4000	16.0	63.9	72.1	78.4	80.6	81.3	81.5	81.6	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7
≥ 3500	16.8	67.1	75.5	82.1	84.4	85.0	85.3	85.4	85.4	85.5	85.6	85.6	85.6	85.6	85.6	85.6
≥ 3000	17.6	69.6	78.8	85.7	88.3	89.0	89.3	89.5	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6
≥ 2500	18.2	72.5	82.2	89.4	92.2	93.0	93.3	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 2000	18.5	74.1	84.0	91.6	94.5	95.2	95.6	95.7	95.7	95.8	95.9	95.9	95.9	95.9	95.9	95.9
≥ 1800	18.5	74.4	84.4	92.0	95.0	95.7	96.0	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4
≥ 1500	18.7	75.0	85.0	92.8	95.9	96.6	96.9	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1200	18.7	75.3	85.4	93.5	96.6	97.3	97.9	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1000	18.7	75.5	85.7	94.0	97.3	98.1	98.8	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 900	18.7	75.6	85.8	94.1	97.3	98.2	98.9	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 800	18.7	75.7	85.8	94.1	97.5	98.3	99.1	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	18.7	75.7	85.9	94.2	97.5	98.3	99.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 600	18.7	75.7	85.9	94.2	97.5	98.3	99.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500	18.7	75.7	85.9	94.2	97.5	98.3	99.2	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	18.7	75.7	85.9	94.2	97.6	98.5	99.3	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	18.7	75.7	85.9	94.2	97.6	98.5	99.3	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	18.7	75.7	85.9	94.3	97.7	98.5	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	18.7	75.7	85.9	94.3	97.7	98.5	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	18.7	75.7	85.9	94.3	97.7	98.5	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1689

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

# CEILING VERSUS VISIBILITY

43310 FUKUOKA KYUSHU JAPAN/ITAZUKE AB 46-64 SEP  
STATION STATION NAME YEARS MONTH  
PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS) 0300-0500  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	8.8	34.0	39.6	42.2	42.9	43.0	43.1	43.1	43.1	43.2	43.2	43.2	43.2	43.2	43.3	43.3
≥ 20000	9.7	38.5	45.1	49.6	51.1	51.3	51.4	51.4	51.4	51.5	51.5	51.5	51.5	51.5	51.6	51.6
≥ 18000	9.9	39.0	45.6	50.1	51.7	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.1	52.2	52.2
≥ 16000	10.1	39.4	46.1	50.6	52.2	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.6	52.6	52.6
≥ 14000	10.2	40.9	48.0	52.8	54.4	54.6	54.7	54.7	54.7	54.8	54.8	54.8	54.8	54.8	54.9	54.9
≥ 12000	11.0	43.2	50.6	55.5	57.5	57.8	57.9	57.9	57.9	58.0	58.0	58.0	58.0	58.0	58.1	58.1
≥ 10000	11.7	47.0	54.8	60.0	62.2	62.6	62.6	62.6	62.6	62.7	62.7	62.7	62.7	62.8	62.8	62.8
≥ 9000	12.0	48.0	56.1	61.5	63.8	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.3	64.4	64.4
≥ 8000	12.3	50.8	59.2	65.2	67.9	68.2	68.3	68.3	68.3	68.4	68.4	68.4	68.4	68.4	68.5	68.6
≥ 7000	12.8	52.6	61.4	67.8	70.5	70.9	71.0	71.0	71.0	71.1	71.1	71.1	71.1	71.2	71.2	71.3
≥ 6000	13.3	54.2	63.2	69.7	72.5	72.9	73.0	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.2	73.2
≥ 5000	13.9	56.8	66.1	72.7	75.4	75.8	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.1	76.1	76.2
≥ 4500	14.2	58.0	67.3	74.2	77.0	77.4	77.5	77.5	77.5	77.6	77.6	77.6	77.6	77.6	77.7	77.7
≥ 4000	14.7	60.6	70.1	77.1	80.2	80.8	81.0	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.2	81.2
≥ 3500	15.3	63.4	73.0	80.5	83.5	84.2	84.4	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.6	84.7
≥ 3000	15.7	65.9	76.0	83.8	87.0	87.7	88.2	88.3	88.3	88.5	88.5	88.5	88.5	88.5	88.6	88.6
≥ 2500	16.0	68.3	79.0	87.3	90.9	91.7	92.1	92.3	92.3	92.4	92.4	92.4	92.4	92.5	92.5	92.6
≥ 2000	16.0	69.6	80.8	89.5	93.6	94.4	94.8	95.1	95.1	95.2	95.2	95.2	95.2	95.3	95.3	95.4
≥ 1800	16.1	70.0	81.2	90.0	94.1	95.0	95.4	95.6	95.6	95.7	95.7	95.7	95.7	95.8	95.9	95.9
≥ 1500	16.1	70.2	81.5	90.5	94.9	95.7	96.2	96.5	96.5	96.7	96.7	96.7	96.7	96.7	96.8	96.9
≥ 1200	16.1	70.3	81.9	91.2	95.7	96.7	97.2	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.9	97.9
≥ 1000	16.1	70.4	82.1	91.4	96.0	97.0	97.7	98.3	98.3	98.6	98.6	98.6	98.6	98.7	98.8	98.8
≥ 900	16.1	70.5	82.3	91.6	96.2	97.2	97.9	98.5	98.5	98.8	98.8	98.8	98.8	98.9	98.9	99.0
≥ 800	16.1	70.5	82.3	91.6	96.2	97.3	98.0	98.6	98.6	98.9	98.9	98.9	98.9	99.0	99.1	99.1
≥ 700	16.1	70.5	82.3	91.6	96.3	97.3	98.0	98.8	98.8	99.2	99.2	99.2	99.2	99.2	99.3	99.3
≥ 600	16.1	70.5	82.3	91.6	96.3	97.4	98.1	98.9	98.9	99.5	99.5	99.5	99.5	99.6	99.6	99.7
≥ 500	16.1	70.5	82.3	91.6	96.3	97.4	98.1	98.9	98.9	99.5	99.5	99.5	99.5	99.6	99.7	99.8
≥ 400	16.1	70.5	82.3	91.6	96.3	97.4	98.1	98.9	98.9	99.5	99.5	99.5	99.5	99.6	99.7	99.8
≥ 300	16.1	70.5	82.3	91.6	96.3	97.5	98.2	99.1	99.1	99.6	99.7	99.7	99.7	99.8	99.9	99.9
≥ 200	16.1	70.5	82.3	91.6	96.3	97.5	98.2	99.1	99.1	99.6	99.7	99.7	99.7	99.8	99.9	99.9
≥ 100	16.1	70.5	82.3	91.6	96.3	97.5	98.2	99.1	99.1	99.6	99.7	99.7	99.7	99.8	99.9	99.9
≥ 0	16.1	70.5	82.3	91.6	96.3	97.5	98.2	99.1	99.1	99.6	99.7	99.7	99.7	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 1689

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

## CEILING VERSUS VISIBILITY

43310  
STATION

FUKUGA KYUSHU JAPAN/ITAZUKE AB  
STATION NAME

46-64  
YEARS

SEP  
MONTH

0600-0800  
HOURS (L.S.T.)

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	8.1	20.5	23.7	26.4	28.5	29.4	30.4	30.8	31.1	31.2	31.2	31.2	31.2	31.2	31.2	31.4
≥ 20000	10.4	28.1	32.4	35.8	38.3	39.6	40.9	41.6	41.9	42.1	42.2	42.2	42.2	42.2	42.2	42.4
≥ 18000	11.0	29.0	33.4	36.8	39.3	40.6	41.9	42.7	43.0	43.1	43.2	43.2	43.3	43.3	43.3	43.5
≥ 16000	11.2	29.9	34.3	37.7	40.2	41.5	42.8	43.6	43.9	44.1	44.3	44.3	44.3	44.3	44.3	44.5
≥ 14000	11.7	32.6	37.6	41.4	44.0	45.4	46.7	47.6	47.9	48.2	48.3	48.3	48.4	48.4	48.4	48.6
≥ 12000	12.4	35.2	40.8	45.1	47.7	49.4	50.8	51.8	52.1	52.5	52.7	52.7	52.7	52.7	52.7	52.9
≥ 10000	13.5	38.0	44.2	48.8	51.5	53.3	55.0	56.2	56.5	56.9	57.1	57.1	57.2	57.2	57.2	57.3
≥ 9000	13.7	38.7	45.0	49.7	52.5	54.3	56.0	57.3	57.8	58.3	58.5	58.5	58.5	58.5	58.5	58.7
≥ 8000	14.9	42.0	48.8	54.0	56.9	58.9	60.9	62.3	62.9	63.4	63.6	63.6	63.6	63.6	63.6	63.9
≥ 7000	15.3	43.3	50.1	55.6	58.8	60.8	62.9	64.4	65.0	65.5	65.6	65.6	65.7	65.7	65.7	65.9
≥ 6000	15.4	44.1	51.1	56.6	59.8	61.8	64.0	65.5	66.1	66.6	66.8	66.8	66.9	66.9	66.9	67.1
≥ 5000	16.4	46.8	53.9	59.8	63.1	65.2	67.4	68.9	69.5	70.0	70.2	70.2	70.3	70.3	70.3	70.5
≥ 4500	16.4	47.3	54.6	60.8	64.1	66.2	68.5	70.0	70.6	71.1	71.3	71.3	71.4	71.4	71.4	71.6
≥ 4000	17.6	49.9	57.3	64.0	67.6	69.9	72.6	74.2	74.8	75.4	75.6	75.6	75.7	75.7	75.7	75.9
≥ 3500	18.8	52.7	60.3	67.4	71.1	73.5	76.2	77.8	78.6	79.3	79.6	79.6	79.6	79.6	79.6	79.9
≥ 3000	19.7	56.0	64.3	72.0	76.1	78.7	81.6	83.5	84.3	85.2	85.5	85.5	85.5	85.5	85.5	85.8
≥ 2500	20.6	57.9	66.8	75.2	79.6	82.5	85.7	88.0	88.8	89.8	90.1	90.1	90.2	90.2	90.2	90.4
≥ 2000	21.0	59.5	68.8	77.4	82.5	85.4	88.7	91.4	92.2	93.3	93.7	93.7	93.7	93.7	93.7	94.1
≥ 1800	21.0	59.6	69.0	77.8	82.8	85.8	89.3	92.0	92.8	93.9	94.3	94.3	94.4	94.4	94.4	94.6
≥ 1500	21.1	59.9	69.3	78.5	83.8	87.1	90.8	93.7	94.4	95.7	96.1	96.1	96.2	96.2	96.2	96.4
≥ 1200	21.2	60.4	70.0	79.2	84.7	88.0	91.7	94.7	95.4	96.8	97.2	97.2	97.3	97.3	97.3	97.5
≥ 1000	21.2	60.7	70.4	79.6	85.1	88.5	92.3	95.6	96.3	97.7	98.2	98.2	98.3	98.3	98.3	98.5
≥ 900	21.2	60.7	70.4	79.7	85.3	88.7	92.5	95.8	96.6	97.9	98.4	98.4	98.5	98.5	98.5	98.8
≥ 800	21.2	60.8	70.5	79.8	85.4	88.9	92.7	96.0	96.7	98.1	98.6	98.6	98.7	98.7	98.7	98.9
≥ 700	21.2	60.8	70.6	79.9	85.5	88.9	92.7	96.1	96.9	98.3	98.8	98.8	98.9	98.9	98.9	99.2
≥ 600	21.2	60.8	70.6	79.9	85.5	88.9	92.8	96.3	97.1	98.7	99.2	99.2	99.3	99.3	99.3	99.5
≥ 500	21.2	60.8	70.6	79.9	85.5	88.9	92.8	96.4	97.2	98.9	99.4	99.4	99.5	99.5	99.5	99.8
≥ 400	21.2	60.8	70.6	79.9	85.5	88.9	92.8	96.5	97.3	99.0	99.5	99.5	99.6	99.6	99.6	99.8
≥ 300	21.2	60.8	70.6	79.9	85.5	88.9	92.8	96.5	97.3	99.0	99.5	99.5	99.6	99.6	99.6	99.8
≥ 200	21.2	60.8	70.6	79.9	85.5	88.9	92.8	96.5	97.3	99.0	99.5	99.5	99.6	99.6	99.6	99.9
≥ 100	21.2	60.8	70.6	79.9	85.5	88.9	92.8	96.5	97.3	99.0	99.5	99.5	99.6	99.6	99.6	99.9
≥ 0	21.2	60.8	70.6	79.9	85.5	88.9	92.8	96.5	97.3	99.1	99.6	99.6	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 1688

1210WS FORM JUL 64 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

## CEILING VERSUS VISIBILITY

43310  
STATION

FUKUGKA KYUSHU JAPAN/ITAZUKE AB  
STATION NAME

46-64  
YEARS

SEP  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0900-1100  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	17.0	26.1	27.6	28.8	29.5	29.7	29.7	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8
≥ 20000	23.5	38.7	40.6	42.3	43.3	43.4	43.6	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
≥ 18000	24.1	39.8	41.7	43.4	44.4	44.6	44.7	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
≥ 16000	24.5	41.0	43.1	44.9	45.9	46.2	46.3	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
≥ 14000	25.7	44.0	46.5	48.2	49.5	49.8	50.0	50.2	50.3	50.4	50.4	50.4	50.4	50.4	50.4	50.4
≥ 12000	27.1	47.6	50.4	52.3	53.8	54.4	54.9	55.1	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 10000	28.7	51.2	54.2	56.7	58.4	59.0	59.8	60.1	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4
≥ 9000	29.2	52.7	55.9	58.5	60.2	60.9	61.6	62.0	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 8000	31.4	56.4	59.9	62.8	64.8	65.5	66.4	66.7	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 7000	32.1	57.7	61.6	64.5	66.5	67.3	68.1	68.4	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 6000	32.5	58.7	62.7	65.7	67.8	68.6	69.6	70.0	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 5000	33.3	60.8	64.8	67.8	70.3	71.0	72.0	72.6	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 4500	33.7	61.7	65.8	68.9	71.3	72.1	73.1	73.6	73.8	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 4000	34.9	64.2	68.4	71.5	74.1	74.9	76.2	76.8	77.0	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 3500	36.2	66.8	71.4	74.8	77.5	78.5	79.8	80.5	80.7	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 3000	39.1	72.0	77.1	80.6	83.7	84.8	86.3	87.1	87.4	87.6	87.7	87.7	87.7	87.7	87.7	87.7
≥ 2500	39.9	74.6	80.0	83.8	87.1	88.2	89.9	90.8	91.1	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 2000	40.5	76.4	82.0	85.8	89.4	90.6	92.5	93.4	93.7	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1800	40.6	76.7	82.4	86.3	90.0	91.2	93.1	94.1	94.3	94.7	94.8	94.8	94.8	94.8	94.8	94.8
≥ 1500	40.7	77.3	83.3	87.5	91.4	92.8	94.9	96.0	96.3	96.8	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1200	40.9	77.9	83.9	88.4	92.4	94.0	96.3	97.4	97.8	98.3	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1000	40.9	78.0	84.0	88.5	92.5	94.2	96.7	97.9	98.3	98.9	99.0	99.0	99.1	99.1	99.1	99.1
≥ 900	41.0	78.1	84.1	88.6	92.6	94.3	96.8	98.0	98.5	99.1	99.1	99.1	99.2	99.2	99.2	99.2
≥ 800	41.0	78.1	84.1	88.6	92.6	94.3	96.9	98.1	98.5	99.1	99.2	99.2	99.3	99.3	99.3	99.3
≥ 700	41.0	78.1	84.2	88.7	92.7	94.6	97.1	98.3	98.8	99.3	99.4	99.4	99.5	99.5	99.5	99.5
≥ 600	41.0	78.1	84.2	88.7	92.7	94.6	97.1	98.4	98.8	99.5	99.6	99.6	99.8	99.8	99.8	99.8
≥ 500	41.0	78.1	84.2	88.8	92.8	94.7	97.2	98.5	98.9	99.6	99.8	99.8	100.0	100.0	100.0	100.0
≥ 400	41.0	78.1	84.2	88.8	92.8	94.7	97.2	98.5	98.9	99.6	99.8	99.8	100.0	100.0	100.0	100.0
≥ 300	41.0	78.1	84.2	88.8	92.8	94.7	97.2	98.5	98.9	99.6	99.8	99.8	100.0	100.0	100.0	100.0
≥ 200	41.0	78.1	84.2	88.8	92.8	94.7	97.2	98.5	98.9	99.6	99.8	99.8	100.0	100.0	100.0	100.0
≥ 100	41.0	78.1	84.2	88.8	92.8	94.7	97.2	98.5	98.9	99.6	99.8	99.8	100.0	100.0	100.0	100.0
≥ 0	41.0	78.1	84.2	88.8	92.8	94.7	97.2	98.5	98.9	99.6	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1692

1210WS FORM 0-14-5 (Def 50) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

## CEILING VERSUS VISIBILITY

43310  
STATION

FUKUOKA KYUSHU JAPAN/ITAZUKE AB  
STATION NAME

46-64  
YEARS

SEP  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	21.5	26.7	27.4	28.0	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1
≥ 20000	31.4	39.2	40.5	41.3	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
≥ 18000	32.1	40.4	41.7	42.6	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
≥ 16000	32.8	41.5	43.1	43.9	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
≥ 14000	35.0	45.4	47.4	48.3	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
≥ 12000	37.4	49.5	51.7	52.7	52.8	52.8	53.0	53.0	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.1
≥ 10000	40.4	54.2	56.5	57.6	57.7	57.7	57.9	57.9	57.9	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 9000	42.1	57.0	59.6	61.1	61.3	61.3	61.5	61.5	61.5	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 8000	44.1	60.5	63.3	64.8	65.2	65.2	65.3	65.4	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 7000	44.7	61.8	64.7	66.3	66.8	66.8	67.0	67.0	67.0	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 6000	45.2	62.6	65.5	67.2	67.7	67.8	68.0	68.0	68.0	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 5000	46.0	64.1	67.0	68.8	69.5	69.7	69.9	70.0	70.0	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 4500	46.6	65.0	67.8	69.7	70.6	70.7	70.9	71.0	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 4000	49.1	68.6	71.7	73.6	74.6	74.9	75.1	75.3	75.3	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 3500	51.3	72.1	75.4	77.5	78.7	78.9	79.1	79.3	79.3	79.5	79.5	79.5	79.5	79.6	79.6	79.6
≥ 3000	55.4	78.8	82.5	85.0	86.3	86.5	86.9	87.1	87.1	87.4	87.5	87.5	87.5	87.5	87.5	87.5
≥ 2500	56.9	82.6	86.5	89.5	91.1	91.4	91.8	92.0	92.0	92.4	92.4	92.4	92.5	92.5	92.5	92.5
≥ 2000	57.3	83.9	87.8	91.2	92.9	93.3	93.9	94.1	94.1	94.4	94.5	94.5	94.6	94.6	94.6	94.6
≥ 1800	57.7	84.6	88.5	92.0	93.8	94.2	94.8	95.0	95.0	95.3	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1500	58.0	85.4	89.7	93.3	95.4	96.0	96.7	97.0	97.0	97.5	97.5	97.5	97.6	97.6	97.6	97.6
≥ 1200	58.1	85.7	90.2	93.9	96.2	96.8	97.8	98.1	98.1	98.6	98.6	98.6	98.7	98.7	98.7	98.7
≥ 1000	58.1	85.9	90.5	94.3	96.7	97.3	98.3	98.8	98.8	99.3	99.4	99.4	99.5	99.5	99.5	99.5
≥ 900	58.1	86.0	90.6	94.4	96.8	97.4	98.5	98.9	98.9	99.4	99.5	99.5	99.6	99.6	99.6	99.6
≥ 800	58.1	86.0	90.7	94.4	96.9	97.5	98.6	99.1	99.1	99.6	99.7	99.7	99.8	99.8	99.8	99.8
≥ 700	58.1	86.0	90.7	94.4	96.9	97.5	98.6	99.1	99.1	99.6	99.7	99.7	99.8	99.8	99.8	99.8
≥ 600	58.1	86.0	90.7	94.4	96.9	97.5	98.6	99.1	99.1	99.6	99.7	99.7	99.8	99.8	99.8	99.8
≥ 500	58.1	86.1	90.7	94.5	96.9	97.5	98.8	99.2	99.2	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	58.1	86.1	90.7	94.5	96.9	97.5	98.8	99.2	99.2	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	58.1	86.1	90.7	94.5	96.9	97.5	98.8	99.2	99.2	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	58.1	86.1	90.7	94.5	96.9	97.5	98.8	99.2	99.2	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	58.1	86.1	90.7	94.5	96.9	97.5	98.8	99.2	99.2	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	58.1	86.1	90.7	94.5	96.9	97.5	98.8	99.2	99.2	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1692

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

# CEILING VERSUS VISIBILITY

43310 STATION FUKUCKA KYUSHU JAPAN/ITAZUKE AB 46-64 YEARS SEP MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	21.9	26.8	27.5	28.0	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	26.3
≥ 20000	33.2	41.4	42.4	43.2	43.5	43.5	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
≥ 18000	34.1	42.5	43.6	44.4	44.7	44.7	44.8	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
≥ 16000	34.7	43.8	45.0	45.8	46.2	46.2	46.3	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
≥ 14000	36.7	47.5	49.0	49.9	50.4	50.4	50.5	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
≥ 12000	38.9	51.6	53.3	54.3	55.2	55.3	55.5	55.6	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7
≥ 10000	40.9	54.7	56.9	57.9	59.0	59.0	59.3	59.5	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6
≥ 9000	41.9	56.7	59.0	60.0	61.2	61.3	61.6	61.7	61.7	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 8000	43.6	59.4	61.7	63.0	64.3	64.5	64.8	65.0	65.0	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 7000	44.8	61.4	64.0	65.5	66.9	67.1	67.5	67.7	67.7	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 6000	45.8	63.0	65.6	67.2	68.5	68.7	69.2	69.4	69.4	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 5000	46.7	64.5	67.2	68.8	70.4	70.5	71.0	71.3	71.3	71.5	71.6	71.6	71.6	71.6	71.6	71.6
≥ 4500	47.5	65.9	68.6	70.3	71.8	72.0	72.4	72.7	72.7	72.9	73.0	73.0	73.0	73.0	73.0	73.0
≥ 4000	49.3	69.1	72.0	73.8	75.4	75.6	76.0	76.3	76.3	76.6	76.8	76.8	76.8	76.8	76.8	76.8
≥ 3500	50.9	72.0	75.0	77.0	78.6	78.9	79.4	79.8	79.8	80.1	80.2	80.2	80.2	80.2	80.2	80.2
≥ 3000	54.1	77.6	81.0	83.1	84.9	85.3	86.1	86.6	86.6	87.0	87.2	87.2	87.2	87.2	87.2	87.2
≥ 2500	55.4	80.6	84.4	87.0	88.9	89.4	90.3	90.9	90.9	91.3	91.4	91.4	91.4	91.4	91.4	91.4
≥ 2000	56.1	82.4	86.6	89.3	91.5	92.1	93.4	94.1	94.1	94.6	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1800	56.4	82.9	87.0	89.9	92.4	93.0	94.3	95.0	95.0	95.5	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1500	56.4	83.4	87.8	90.8	93.4	94.1	95.4	96.3	96.3	96.9	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1200	56.5	83.8	88.3	91.5	94.1	94.9	96.4	97.5	97.5	98.0	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1000	56.5	83.9	88.4	91.8	94.4	95.2	96.8	97.9	97.9	98.6	98.8	98.8	98.8	98.8	98.8	98.8
≥ 900	56.5	83.9	88.5	91.9	94.5	95.3	96.9	98.0	98.0	98.7	98.9	98.9	98.9	98.9	98.9	98.9
≥ 800	56.5	83.9	88.5	92.0	94.7	95.5	97.1	98.2	98.2	98.9	99.1	99.1	99.1	99.1	99.1	99.1
≥ 700	56.5	83.9	88.5	92.0	94.7	95.6	97.2	98.2	98.3	98.9	99.2	99.2	99.2	99.2	99.2	99.2
≥ 600	56.5	83.9	88.5	92.0	94.7	95.6	97.2	98.3	98.3	99.0	99.3	99.3	99.3	99.3	99.3	99.3
≥ 500	56.5	83.9	88.6	92.1	95.0	95.8	97.5	98.5	98.6	99.2	99.5	99.5	99.5	99.5	99.5	99.5
≥ 400	56.5	83.9	88.6	92.1	95.0	95.8	97.5	98.5	98.6	99.2	99.5	99.5	99.5	99.5	99.5	99.5
≥ 300	56.5	83.9	88.6	92.1	95.0	95.8	97.5	98.6	98.8	99.5	99.8	99.8	99.9	99.9	99.9	99.9
≥ 200	56.5	83.9	88.6	92.1	95.0	95.8	97.5	98.6	98.8	99.5	99.8	99.8	99.9	99.9	99.9	100.0
≥ 100	56.5	83.9	88.6	92.1	95.0	95.8	97.5	98.6	98.8	99.5	99.8	99.8	99.9	99.9	99.9	100.0
≥ 0	56.5	83.9	88.6	92.1	95.0	95.8	97.5	98.6	98.8	99.5	99.8	99.8	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 1691

1210WS FORM JUL 64 0-14-5 (Def 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

## CEILING VERSUS VISIBILITY

43310  
STATION

FUKUOKA KYUSHU JAPAN/ITAZUKE AB  
STATION NAME

46-64  
YEARS

SEP  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1800-2000  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	16.3	27.2	29.1	30.2	30.8	30.9	31.1	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2
≥ 20000	21.9	37.7	40.5	42.7	43.8	44.1	44.5	44.8	44.8	44.9	44.9	44.9	44.9	44.9	44.9	44.9
≥ 18000	22.3	38.4	41.2	43.6	44.8	45.1	45.6	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
≥ 16000	22.6	39.2	42.3	44.8	46.1	46.6	47.1	47.4	47.4	47.5	47.5	47.5	47.5	47.5	47.5	47.5
≥ 14000	24.0	41.6	45.2	48.1	49.6	50.2	50.9	51.2	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 12000	25.1	44.2	48.4	51.5	53.4	54.3	55.1	55.5	55.5	55.7	55.7	55.7	55.7	55.7	55.7	55.7
≥ 10000	26.0	47.1	52.0	55.4	58.0	59.1	60.3	61.0	61.1	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 9000	26.4	47.8	53.0	56.7	59.4	60.6	61.9	62.6	62.6	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 8000	27.9	51.2	56.9	60.9	63.7	64.9	66.2	67.0	67.2	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 7000	28.4	52.5	58.4	62.4	65.3	66.6	67.9	68.7	68.8	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 6000	28.7	53.9	60.1	64.3	67.2	68.5	69.8	70.6	70.8	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 5000	29.0	54.9	61.3	65.6	68.8	70.2	71.6	72.4	72.6	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 4500	29.2	55.4	61.8	66.1	69.4	70.7	72.3	73.2	73.3	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 4000	30.8	58.7	65.2	69.6	72.9	74.3	75.9	76.8	77.0	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 3500	31.6	61.2	68.2	73.0	76.3	77.9	79.6	80.6	80.8	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 3000	32.9	64.6	72.4	77.7	81.3	83.0	84.9	86.0	86.2	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 2500	33.7	67.5	75.8	81.7	85.8	87.6	89.5	90.9	91.1	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 2000	34.1	69.0	77.5	83.9	88.5	90.4	92.4	93.8	94.0	94.8	94.8	94.8	94.9	94.9	94.9	94.9
≥ 1800	34.2	69.3	77.9	84.4	89.1	91.1	93.1	94.5	94.7	95.5	95.5	95.5	95.6	95.6	95.6	95.6
≥ 1500	34.4	69.8	78.5	85.0	89.7	91.8	94.3	95.9	96.1	96.9	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1200	34.4	70.0	78.8	85.7	90.7	93.0	95.4	97.3	97.5	98.4	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1000	34.4	70.1	78.9	86.0	91.0	93.3	95.9	97.8	98.0	98.9	98.9	98.9	99.0	99.0	99.0	99.0
≥ 900	34.4	70.1	78.9	86.0	91.0	93.3	95.9	97.8	98.1	99.0	99.1	99.1	99.2	99.2	99.2	99.2
≥ 800	34.4	70.2	79.1	86.3	91.5	93.8	96.6	98.5	98.8	99.6	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	34.4	70.2	79.1	86.3	91.5	93.8	96.6	98.5	98.8	99.6	99.8	99.8	99.9	99.9	99.9	99.9
≥ 600	34.4	70.2	79.1	86.3	91.5	93.8	96.6	98.5	98.8	99.6	99.8	99.8	99.9	99.9	99.9	99.9
≥ 500	34.4	70.2	79.1	86.3	91.5	93.8	96.6	98.5	98.8	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	34.4	70.2	79.1	86.3	91.5	93.8	96.6	98.5	98.9	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	34.4	70.2	79.1	86.3	91.5	93.8	96.6	98.5	98.9	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	34.4	70.2	79.1	86.3	91.5	93.8	96.6	98.5	98.9	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	34.4	70.2	79.1	86.3	91.5	93.8	96.6	98.5	98.9	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	34.4	70.2	79.1	86.3	91.5	93.8	96.6	98.5	98.9	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1691

1210WS FORM JUL 64 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

## CEILING VERSUS VISIBILITY

43310  
STATION

FUKUOKA KYUSHU JAPAN/ITAZUKI AB  
STATION NAME

46-64  
YEARS

SEP  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ 0
NO CEILING	11.0	36.9	39.7	42.0	42.4	42.7	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
≥ 20000	12.3	43.8	47.5	51.6	52.2	52.8	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
≥ 18000	12.6	44.4	48.2	52.2	52.8	53.5	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥ 16000	13.1	45.3	49.3	53.5	54.1	54.7	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥ 14000	13.7	47.5	51.8	56.6	57.3	57.9	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 12000	14.4	49.6	54.3	59.4	60.2	60.9	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 10000	14.8	53.2	58.2	64.2	65.7	66.4	67.1	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 9000	15.0	54.0	59.0	65.2	66.8	67.5	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 8000	16.3	57.0	62.8	69.4	71.2	72.0	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 7000	16.7	58.0	63.9	70.7	72.5	73.4	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 6000	17.0	59.3	65.6	72.5	74.2	75.2	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 5000	17.4	61.7	68.1	75.2	77.2	78.3	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 4500	17.7	62.4	68.9	76.1	78.1	79.1	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 4000	18.0	64.6	71.5	79.1	81.1	82.2	83.0	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 3500	18.4	67.0	74.1	82.0	84.2	85.3	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 3000	19.0	69.3	77.1	85.7	88.0	89.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 2500	19.3	71.3	79.5	88.3	90.6	91.8	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 2000	19.6	73.6	82.2	91.1	93.4	94.7	96.0	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1800	19.6	74.0	82.6	91.6	93.9	95.2	96.5	96.7	96.7	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1500	19.7	74.6	83.5	92.7	95.0	96.5	97.8	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1200	19.7	75.0	83.9	93.2	95.6	97.1	98.4	98.8	98.8	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1000	19.7	75.0	83.9	93.3	95.9	97.3	98.7	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5
≥ 900	19.7	75.0	83.9	93.4	95.9	97.5	98.8	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	19.7	75.1	84.0	93.5	96.1	97.6	99.0	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	19.7	75.1	84.0	93.5	96.1	97.6	99.0	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	19.7	75.1	84.0	93.5	96.1	97.6	99.1	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	19.7	75.1	84.0	93.5	96.1	97.6	99.1	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	19.7	75.1	84.0	93.5	96.1	97.6	99.1	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	19.7	75.1	84.1	93.6	96.2	97.7	99.1	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	19.7	75.1	84.1	93.6	96.2	97.7	99.1	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	19.7	75.1	84.1	93.6	96.2	97.7	99.1	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	19.7	75.1	84.1	93.6	96.2	97.7	99.1	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1692

1210WS FORM 0-14-5 (Def 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUL 64

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

# CEILING VERSUS VISIBILITY

4331C  
STATION

FUKUOKA KYUSHU JAPAN/ITAZUKE AB  
STATION NAME

46-64  
YEARS

OC I  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0000-0200  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	10.5	44.2	48.8	52.0	52.8	52.9	53.2	53.3	53.3	53.4	53.4	53.4	53.4	53.4	53.4	53.4
≥ 20000	11.1	49.7	55.3	59.6	61.0	61.1	61.5	61.8	61.8	61.9	61.9	61.9	61.9	61.9	61.9	62.0
≥ 18000	11.5	50.3	56.0	60.3	61.7	61.9	62.3	62.5	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.7
≥ 16000	11.5	51.0	56.9	61.2	62.6	62.8	63.2	63.4	63.4	63.5	63.6	63.6	63.6	63.6	63.6	63.6
≥ 14000	11.9	52.9	59.0	63.3	64.9	65.0	65.4	65.6	65.6	65.7	65.8	65.8	65.8	65.8	65.8	65.8
≥ 12000	12.4	55.0	61.6	66.2	68.1	68.2	68.6	68.9	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0
≥ 10000	12.6	57.1	64.2	69.0	71.1	71.4	71.8	72.0	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.3
≥ 9000	12.7	58.4	65.7	70.6	72.8	73.0	73.4	73.7	73.7	73.8	73.9	73.9	73.9	73.9	73.9	73.9
≥ 8000	13.2	60.8	68.5	73.8	76.2	76.4	76.9	77.2	77.2	77.3	77.4	77.4	77.4	77.4	77.4	77.4
≥ 7000	13.4	61.5	69.3	74.7	77.2	77.5	78.1	78.4	78.4	78.5	78.6	78.6	78.6	78.6	78.6	78.6
≥ 6000	13.8	62.7	70.7	76.1	78.8	79.2	79.8	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.3
≥ 5000	14.5	64.8	73.0	78.6	81.5	81.9	82.6	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.1
≥ 4500	14.6	65.6	74.0	79.6	82.9	83.3	84.0	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.5
≥ 4000	15.3	68.4	77.0	82.8	86.1	86.5	87.2	87.5	87.5	87.6	87.7	87.7	87.7	87.7	87.7	87.7
≥ 3500	15.9	70.5	79.6	85.5	89.0	89.5	90.2	90.5	90.5	90.6	90.7	90.7	90.7	90.7	90.7	90.7
≥ 3000	16.5	72.7	82.0	88.6	92.2	92.8	93.5	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	94.0
≥ 2500	16.8	73.5	83.0	89.9	93.9	94.6	95.4	95.6	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.9
≥ 2000	16.9	74.5	84.0	91.2	95.8	96.4	97.3	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.9
≥ 1800	16.9	74.5	84.1	91.3	96.0	96.7	97.5	97.8	97.8	98.0	98.1	98.1	98.1	98.1	98.1	98.2
≥ 1500	16.9	74.6	84.2	91.4	96.2	96.8	97.7	98.0	98.0	98.2	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1200	16.9	74.6	84.3	91.6	96.4	97.1	98.0	98.4	98.4	98.6	98.7	98.7	98.7	98.7	98.8	98.8
≥ 1000	16.9	74.6	84.3	91.7	96.4	97.3	98.4	98.8	98.8	99.0	99.2	99.2	99.2	99.2	99.2	99.3
≥ 900	16.9	74.6	84.3	91.7	96.5	97.3	98.4	98.9	98.9	99.1	99.2	99.2	99.2	99.2	99.3	99.3
≥ 800	16.9	74.6	84.3	91.7	96.5	97.3	98.4	98.9	98.9	99.2	99.3	99.3	99.3	99.3	99.3	99.4
≥ 700	16.9	74.6	84.3	91.7	96.6	97.5	98.6	99.0	99.0	99.3	99.4	99.4	99.4	99.4	99.5	99.5
≥ 600	16.9	74.6	84.3	91.7	96.7	97.6	98.6	99.1	99.1	99.4	99.5	99.5	99.5	99.5	99.5	99.6
≥ 500	16.9	74.6	84.3	91.7	96.7	97.6	98.6	99.1	99.1	99.4	99.5	99.5	99.5	99.5	99.6	99.7
≥ 400	16.9	74.6	84.3	91.7	96.7	97.6	98.6	99.1	99.1	99.4	99.5	99.5	99.5	99.5	99.6	99.7
≥ 300	16.9	74.6	84.3	91.7	96.7	97.6	98.6	99.1	99.1	99.4	99.5	99.5	99.5	99.5	99.6	99.7
≥ 200	16.9	74.6	84.3	91.7	96.7	97.6	98.6	99.1	99.2	99.5	99.6	99.6	99.6	99.6	99.7	99.7
≥ 100	16.9	74.6	84.3	91.7	96.7	97.6	98.6	99.1	99.2	99.5	99.6	99.6	99.6	99.6	99.7	99.7
≥ 0	16.9	74.6	84.3	91.7	96.7	97.6	98.6	99.1	99.2	99.5	99.6	99.6	99.6	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 1767

1210WS FORM JUL 64 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

# CEILING VERSUS VISIBILITY

43310  
STATION

FUKUOKA KYUSHU JAPAN/ITA/UKA AB  
STATION NAME

46-64  
YEARS

OCT  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	9.4	42.5	46.3	49.3	50.4	50.6	51.3	51.7	51.7	51.9	51.9	51.9	52.0	52.0	52.0	52.1
≥ 20000	9.9	47.4	52.4	56.1	57.7	58.1	58.9	59.3	59.3	59.5	59.5	59.5	59.6	59.6	59.6	59.7
≥ 18000	10.1	47.8	53.0	56.6	58.2	58.6	59.4	59.8	59.8	60.1	60.1	60.1	60.2	60.2	60.2	60.3
≥ 16000	10.1	48.8	54.2	58.3	59.6	60.0	60.8	61.2	61.2	61.5	61.5	61.5	61.5	61.5	61.5	61.6
≥ 14000	10.8	50.9	56.4	60.2	61.9	62.3	63.0	63.4	63.4	63.7	63.7	63.7	63.8	63.8	63.8	63.9
≥ 12000	11.5	53.0	59.1	63.3	65.0	65.4	66.2	66.6	66.6	66.9	66.9	66.9	66.9	66.9	66.9	67.1
≥ 10000	12.0	54.8	61.3	65.4	67.5	67.9	68.7	69.1	69.1	69.4	69.4	69.4	69.5	69.5	69.5	69.7
≥ 9000	12.1	56.0	62.5	66.8	69.2	69.6	70.4	70.8	70.8	71.1	71.1	71.1	71.2	71.2	71.2	71.4
≥ 8000	13.0	58.5	65.3	69.9	72.5	73.0	73.9	74.3	74.3	74.7	74.7	74.7	74.8	74.8	74.8	74.9
≥ 7000	13.1	59.1	65.9	70.6	73.2	73.7	74.7	75.1	75.1	75.5	75.5	75.5	75.6	75.6	75.6	75.7
≥ 6000	13.4	61.0	68.0	72.7	75.5	76.1	77.1	77.5	77.5	77.9	77.9	77.9	78.0	78.0	78.0	78.2
≥ 5000	14.3	63.5	71.1	76.2	79.2	79.9	80.9	81.3	81.3	81.7	81.7	81.7	81.8	81.8	81.8	81.9
≥ 4500	14.3	64.3	72.3	77.6	80.8	81.5	82.5	82.9	82.9	83.3	83.3	83.3	83.4	83.4	83.4	83.5
≥ 4000	15.1	67.3	75.6	81.0	84.6	85.2	86.2	86.7	86.7	87.1	87.1	87.1	87.2	87.2	87.2	87.3
≥ 3500	15.4	69.3	78.3	84.2	88.2	88.9	89.9	90.3	90.3	90.7	90.7	90.7	90.8	90.8	90.8	90.9
≥ 3000	16.0	71.3	80.7	86.9	91.2	91.9	93.0	93.5	93.5	93.9	93.9	93.9	94.0	94.0	94.0	94.2
≥ 2500	16.1	72.4	81.9	88.4	92.9	93.5	94.6	95.1	95.1	95.6	95.6	95.6	95.6	95.6	95.6	95.8
≥ 2000	16.1	73.1	82.7	89.5	94.2	95.0	96.2	96.7	96.7	97.2	97.2	97.2	97.2	97.2	97.2	97.4
≥ 1800	16.1	73.1	82.9	89.7	94.5	95.3	96.6	97.1	97.1	97.5	97.6	97.6	97.6	97.6	97.6	97.8
≥ 1500	16.1	73.7	83.0	89.9	95.1	95.9	97.2	97.7	97.7	98.2	98.2	98.2	98.2	98.2	98.2	98.5
≥ 1200	16.1	73.5	83.2	90.4	95.7	96.5	97.9	98.5	98.5	99.0	99.0	99.1	99.2	99.2	99.2	99.4
≥ 1000	16.1	73.6	83.3	90.4	95.8	96.7	98.1	98.8	98.8	99.3	99.3	99.4	99.5	99.5	99.5	99.7
≥ 900	16.1	73.6	83.3	90.4	95.8	96.7	98.1	98.8	98.8	99.4	99.4	99.5	99.5	99.5	99.5	99.8
≥ 800	16.1	73.6	83.3	90.4	95.8	96.7	98.1	98.8	98.8	99.4	99.4	99.5	99.5	99.5	99.5	99.8
≥ 700	16.1	73.6	83.3	90.4	95.8	96.8	98.1	98.9	98.9	99.4	99.4	99.5	99.6	99.6	99.6	99.8
≥ 600	16.1	73.6	83.3	90.4	95.9	96.9	98.3	99.0	99.0	99.6	99.6	99.7	99.8	99.8	99.8	100.0
≥ 500	16.1	73.6	83.3	90.4	95.9	96.9	98.3	99.0	99.0	99.6	99.6	99.7	99.8	99.8	99.8	100.0
≥ 400	16.1	73.6	83.3	90.4	95.9	96.9	98.3	99.0	99.0	99.6	99.6	99.7	99.8	99.8	99.8	100.0
≥ 300	16.1	73.6	83.3	90.4	95.9	96.9	98.3	99.0	99.0	99.6	99.6	99.7	99.8	99.8	99.8	100.0
≥ 200	16.1	73.6	83.3	90.4	95.9	96.9	98.3	99.0	99.0	99.6	99.6	99.7	99.8	99.8	99.8	100.0
≥ 100	16.1	73.6	83.3	90.4	95.9	96.9	98.3	99.0	99.0	99.6	99.6	99.7	99.8	99.8	99.8	100.0
≥ 0	16.1	73.6	83.3	90.4	95.9	96.9	98.3	99.0	99.0	99.6	99.6	99.7	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 1767

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

## CEILING VERSUS VISIBILITY

43310  
STATION

FUKUOKA KYUSHU JAPAN/ITAZUKE AB  
STATION NAME

46-64  
YEARS

001  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	10.4	25.4	29.5	32.7	35.0	36.2	37.4	38.1	38.4	39.0	39.2	39.2	39.3	39.3	39.3	39.4
≥ 20000	11.9	30.9	35.8	39.7	43.5	45.3	47.5	48.8	49.1	49.9	50.1	50.1	50.2	50.3	50.3	50.4
≥ 18000	12.2	31.7	36.7	40	44.5	46.3	48.6	49.0	50.2	51.0	51.2	51.2	51.3	51.4	51.4	51.5
≥ 16000	12.2	31.9	37.1	41.3	45.3	47.3	49.8	51.2	51.6	52.4	52.6	52.6	52.7	52.8	52.8	52.9
≥ 14000	12.7	34.2	39.8	44.6	48.9	51.0	53.8	55.2	55.6	56.4	56.6	56.6	56.8	56.8	56.8	56.9
≥ 12000	13.9	37.6	43.7	49.1	53.7	55.9	58.6	60.2	60.6	61.6	61.8	61.8	61.9	62.0	62.0	62.1
≥ 10000	14.8	40.6	47.3	53.0	58.5	60.3	63.4	65.0	65.4	66.4	66.7	66.7	66.8	66.8	66.8	66.9
≥ 9000	15.1	41.5	48.3	54.2	59.3	61.7	64.8	66.4	66.8	67.9	68.1	68.1	68.3	68.3	68.3	68.4
≥ 8000	15.5	43.7	50.7	57.0	62.4	65.1	68.4	70.2	70.7	71.9	72.2	72.2	72.3	72.3	72.3	72.4
≥ 7000	15.8	44.9	52.0	58.6	64.2	66.9	70.2	72.2	72.6	73.9	74.1	74.1	74.3	74.4	74.4	74.5
≥ 6000	16.2	46.1	53.4	60.2	66.0	68.9	72.2	74.2	74.6	75.9	76.3	76.3	76.5	76.6	76.6	76.7
≥ 5000	17.3	48.6	56.1	63.2	69.2	72.2	75.6	77.7	78.2	79.6	80.0	80.0	80.2	80.2	80.2	80.4
≥ 4500	17.8	49.9	57.7	64.9	70.9	74.0	77.5	79.6	80.1	81.5	81.9	81.9	82.1	82.2	82.2	82.3
≥ 4000	18.8	52.8	60.8	68.3	74.6	77.9	81.5	83.7	84.2	85.6	86.1	86.1	86.3	86.4	86.4	86.5
≥ 3500	19.6	55.0	63.2	71.0	77.5	80.8	84.6	86.9	87.4	88.9	89.4	89.4	89.8	89.8	89.8	89.9
≥ 3000	20.1	57.4	66.3	74.1	81.0	84.4	88.2	90.6	91.1	92.7	93.4	93.4	93.7	93.8	93.8	93.9
≥ 2500	20.5	58.6	67.7	75.8	83.0	86.4	90.2	93.0	93.5	95.1	95.8	95.8	96.1	96.2	96.2	96.3
≥ 2000	20.5	58.9	68.1	76.5	83.9	87.5	91.3	94.2	94.7	96.3	97.0	97.0	97.3	97.4	97.5	97.6
≥ 1800	20.7	59.2	68.4	76.8	84.3	87.9	91.8	94.6	95.1	96.7	97.5	97.5	97.8	97.8	97.9	98.0
≥ 1500	20.7	59.2	68.4	76.8	84.4	88.0	91.9	94.7	95.2	97.0	97.7	97.7	98.2	98.2	98.3	98.4
≥ 1200	20.7	59.4	68.6	77.0	84.6	88.3	92.2	95.2	95.7	97.5	98.2	98.2	98.6	98.7	98.8	98.9
≥ 1000	20.7	59.4	68.6	77.0	84.7	88.4	92.4	95.5	96.0	97.8	98.6	98.6	99.0	99.1	99.2	99.3
≥ 900	20.7	59.4	68.6	77.0	84.8	88.5	92.5	95.6	96.2	98.0	98.8	98.8	99.2	99.3	99.3	99.4
≥ 800	20.7	59.4	68.7	77.2	84.9	88.7	92.8	95.9	96.4	98.2	99.0	99.0	99.4	99.5	99.6	99.7
≥ 700	20.7	59.4	68.7	77.2	84.9	88.7	92.8	96.0	96.5	98.4	99.2	99.2	99.6	99.7	99.8	99.9
≥ 600	20.7	59.4	68.7	77.2	84.9	88.8	92.9	96.1	96.6	98.5	99.3	99.3	99.7	99.8	99.9	100.0
≥ 500	20.7	59.4	68.7	77.2	84.9	88.8	92.9	96.1	96.6	98.5	99.3	99.3	99.7	99.8	99.9	100.0
≥ 400	20.7	59.4	68.7	77.2	84.9	88.8	92.9	96.1	96.6	98.5	99.3	99.3	99.7	99.8	99.9	100.0
≥ 300	20.7	59.4	68.7	77.2	84.9	88.8	92.9	96.1	96.6	98.5	99.3	99.3	99.7	99.8	99.9	100.0
≥ 200	20.7	59.4	68.7	77.2	84.9	88.8	92.9	96.1	96.6	98.5	99.3	99.3	99.7	99.8	99.9	100.0
≥ 100	20.7	59.4	68.7	77.2	84.9	88.8	92.9	96.1	96.6	98.5	99.3	99.3	99.7	99.8	99.9	100.0
≥ 0	20.7	59.4	68.7	77.2	84.9	88.8	92.9	96.1	96.6	98.5	99.3	99.3	99.7	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 1767



DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

## CEILING VERSUS VISIBILITY

43310  
STATION

FUKUOKA KYUSHU JAPAN/ITAZUKE AB  
STATION NAME

46-64  
YEARS

GC F  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0900-1100  
HOURS (L & T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	18.8	32.8	34.5	36.8	38.0	38.7	38.9	39.2	39.2	39.3	39.3	39.3	39.3	39.3	39.3	39.3
≥ 20000	25.0	43.4	46.1	49.3	51.6	52.9	53.4	53.8	53.8	54.0	54.0	54.0	54.1	54.1	54.1	54.1
≥ 18000	25.3	44.3	47.0	50.3	52.7	54.0	54.4	54.8	54.9	55.1	55.1	55.1	55.2	55.2	55.2	55.2
≥ 16000	25.5	45.0	47.9	51.3	53.8	55.1	55.5	56.0	56.0	56.2	56.2	56.2	56.3	56.3	56.3	56.3
≥ 14000	26.7	47.7	50.8	54.6	57.3	58.6	59.2	59.6	59.7	59.9	59.9	59.9	60.0	60.0	60.0	60.0
≥ 12000	27.8	50.9	54.6	58.9	61.9	63.3	64.1	64.6	64.7	64.9	64.9	64.9	65.0	65.0	65.0	65.0
≥ 10000	29.1	53.7	57.9	62.8	66.1	67.7	68.7	69.5	69.6	69.8	69.8	69.8	69.9	69.9	69.9	69.9
≥ 9000	29.4	54.6	58.7	63.8	67.2	68.8	69.9	70.7	70.9	71.1	71.1	71.1	71.2	71.2	71.2	71.2
≥ 8000	30.7	57.0	61.4	66.6	70.3	71.9	72.9	74.0	74.1	74.4	74.5	74.5	74.6	74.6	74.6	74.6
≥ 7000	31.5	59.1	63.6	68.9	72.8	74.4	75.4	76.5	76.7	77.0	77.0	77.0	77.1	77.1	77.1	77.1
≥ 6000	31.9	59.8	64.5	69.8	73.7	75.3	76.5	77.6	77.8	78.1	78.2	78.2	78.3	78.3	78.3	78.3
≥ 5000	32.8	61.1	65.8	71.4	75.5	77.2	78.4	79.7	79.9	80.3	80.4	80.4	80.5	80.5	80.5	80.5
≥ 4500	33.4	62.1	66.8	72.4	76.6	78.4	79.6	80.9	81.1	81.6	81.6	81.6	81.7	81.7	81.7	81.7
≥ 4000	35.9	66.0	70.9	76.7	81.1	82.9	84.1	85.5	85.6	86.1	86.1	86.1	86.2	86.2	86.2	86.2
≥ 3500	38.5	69.6	74.8	81.0	85.4	87.2	88.5	89.9	90.0	90.5	90.7	90.7	90.8	90.8	90.8	90.8
≥ 3000	40.2	72.8	78.0	84.3	88.9	90.7	92.0	93.8	94.0	94.5	94.8	94.8	95.0	95.0	95.0	95.0
≥ 2500	40.7	74.0	79.3	85.8	90.5	92.4	93.7	95.6	95.8	96.3	96.7	96.7	96.8	96.8	96.9	96.9
≥ 2000	41.0	74.4	79.9	86.6	91.3	93.3	94.7	96.5	96.7	97.3	97.5	97.6	97.8	97.8	97.8	97.8
≥ 1800	41.0	74.4	79.9	86.6	91.5	93.4	94.9	96.7	96.9	97.5	97.8	97.8	98.0	98.0	98.1	98.1
≥ 1500	41.1	74.7	80.2	87.1	92.1	94.1	95.5	97.4	97.6	98.2	98.6	98.6	98.8	98.8	98.9	98.9
≥ 1200	41.1	74.7	80.2	87.2	92.1	94.1	95.6	97.6	97.8	98.5	99.0	99.0	99.2	99.2	99.2	99.2
≥ 1000	41.1	74.7	80.2	87.2	92.2	94.3	95.8	97.8	98.0	98.7	99.2	99.2	99.4	99.4	99.5	99.5
≥ 900	41.1	74.7	80.2	87.3	92.3	94.3	95.8	97.9	98.1	98.8	99.3	99.3	99.5	99.5	99.6	99.6
≥ 800	41.1	74.7	80.4	87.4	92.4	94.5	95.9	98.0	98.2	98.9	99.4	99.4	99.6	99.6	99.7	99.7
≥ 700	41.1	74.7	80.4	87.4	92.4	94.5	96.0	98.1	98.3	99.0	99.5	99.5	99.7	99.7	99.8	99.8
≥ 600	41.1	74.7	80.4	87.4	92.4	94.5	96.0	98.1	98.4	99.1	99.6	99.6	99.8	99.8	99.9	99.9
≥ 500	41.1	74.7	80.4	87.4	92.4	94.5	96.0	98.1	98.4	99.2	99.7	99.7	99.8	99.8	99.9	99.9
≥ 400	41.1	74.7	80.4	87.4	92.4	94.5	96.0	98.2	98.4	99.2	99.7	99.7	99.9	99.9	100.0	100.0
≥ 300	41.1	74.7	80.4	87.4	92.4	94.5	96.0	98.2	98.4	99.2	99.7	99.7	99.9	99.9	100.0	100.0
≥ 200	41.1	74.7	80.4	87.4	92.4	94.5	96.0	98.2	98.4	99.2	99.7	99.7	99.9	99.9	100.0	100.0
≥ 100	41.1	74.7	80.4	87.4	92.4	94.5	96.0	98.2	98.4	99.2	99.7	99.7	99.9	99.9	100.0	100.0
≥ 0	41.1	74.7	80.4	87.4	92.4	94.5	96.0	98.2	98.4	99.2	99.7	99.7	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1767

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

# CEILING VERSUS VISIBILITY

43310  
STATION

FUKUOKA KYUSHU JAPAN/ITAZUKE AB  
STATION NAME

46-64  
YEARS

OCT  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS (LST.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	30.2	38.2	38.7	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1
≥ 20000	40.0	51.6	52.2	52.9	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
≥ 18000	41.0	52.8	53.5	54.1	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
≥ 16000	41.9	54.1	54.8	55.5	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 14000	44.1	57.4	58.3	59.1	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.7
≥ 12000	46.7	62.8	64.0	64.8	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.5
≥ 10000	48.7	65.9	67.3	68.4	69.0	69.2	69.3	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 9000	49.2	67.0	68.6	69.7	70.4	70.5	70.7	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 8000	50.3	69.0	70.7	71.9	72.7	72.8	73.1	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.5
≥ 7000	50.9	70.1	71.8	73.1	73.9	74.1	74.4	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 6000	51.6	71.4	73.2	74.5	75.3	75.5	75.8	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.3
≥ 5000	53.3	73.3	75.2	76.8	77.8	78.0	78.4	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.9
≥ 4500	54.0	74.5	76.5	78.0	79.0	79.3	79.6	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.2
≥ 4000	58.1	79.2	81.2	83.0	84.0	84.3	84.7	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 3500	61.2	83.8	85.9	87.7	88.7	89.1	89.4	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 3000	64.1	87.8	89.9	91.9	93.1	93.5	93.9	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.6
≥ 2500	64.7	88.7	91.0	93.2	94.5	94.9	95.3	95.9	95.9	96.0	96.1	96.1	96.1	96.1	96.1	96.2
≥ 2000	65.3	89.4	91.7	94.1	95.6	96.1	96.7	97.4	97.4	97.5	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1800	65.3	89.5	91.8	94.2	95.7	96.2	96.8	97.5	97.5	97.6	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1500	65.4	89.8	92.1	94.6	96.2	96.8	97.6	98.3	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1200	65.4	90.0	92.4	95.0	96.5	97.2	98.1	98.8	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.2
≥ 1000	65.5	90.2	92.6	95.2	96.8	97.5	98.4	99.3	99.3	99.5	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	65.5	90.2	92.6	95.3	96.9	97.6	98.5	99.4	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	65.5	90.2	92.6	95.3	96.9	97.6	98.5	99.4	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.9
≥ 700	65.5	90.2	92.6	95.3	96.9	97.6	98.5	99.4	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.9
≥ 600	65.5	90.2	92.6	95.3	96.9	97.6	98.5	99.5	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	65.5	90.2	92.6	95.3	96.9	97.6	98.5	99.5	99.5	99.8	99.9	99.9	99.9	99.9	99.9	100.0
≥ 400	65.5	90.2	92.6	95.3	96.9	97.6	98.5	99.5	99.5	99.8	99.9	99.9	99.9	99.9	99.9	100.0
≥ 300	65.5	90.2	92.6	95.3	96.9	97.6	98.5	99.5	99.5	99.8	99.9	99.9	99.9	99.9	99.9	100.0
≥ 200	65.5	90.2	92.6	95.3	96.9	97.6	98.5	99.5	99.5	99.8	99.9	99.9	99.9	99.9	99.9	100.0
≥ 100	65.5	90.2	92.6	95.3	96.9	97.6	98.5	99.5	99.5	99.8	99.9	99.9	99.9	99.9	99.9	100.0
≥ 0	65.5	90.2	92.6	95.3	96.9	97.6	98.5	99.5	99.5	99.8	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 1767

1210WS FORM 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

# CEILING VERSUS VISIBILITY

43310  
STATION

FUKUCKA KYUSHU JAPAN/ITAZUKE AB  
STATION NAME

46-64  
YEARS

OC I  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	34.8	41.9	42.9	43.3	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4
≥ 20000	43.9	53.8	55.2	55.7	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
≥ 18000	44.9	55.1	56.5	57.0	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 16000	46.3	56.9	58.6	59.2	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
≥ 14000	48.6	61.0	61.9	62.8	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 12000	51.4	65.2	67.4	68.3	68.8	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 10000	53.3	69.0	71.4	72.8	73.3	73.6	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 9000	54.1	70.4	72.9	74.3	75.0	75.2	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 8000	54.6	72.5	75.1	76.7	77.5	77.7	78.2	78.3	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 7000	55.2	73.4	76.2	77.8	78.6	78.9	79.4	79.5	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 6000	55.8	74.4	77.2	79.0	80.0	80.5	80.9	81.0	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 5000	56.7	75.9	78.9	80.7	81.7	82.3	82.7	82.8	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 4500	57.6	77.1	80.2	82.0	83.1	83.6	84.1	84.2	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 4000	59.9	80.3	83.4	85.4	86.5	87.2	87.8	87.9	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 3500	62.1	83.7	87.0	89.2	90.7	91.3	91.9	92.1	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 3000	63.6	86.0	89.4	91.8	93.4	94.2	94.8	95.0	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 2500	64.3	87.2	90.7	93.1	94.7	95.5	96.1	96.5	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 2000	64.4	87.8	91.4	94.0	95.8	96.7	97.4	97.9	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1500	64.4	87.9	91.5	94.1	95.9	96.8	97.5	98.0	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1200	64.4	88.0	91.7	94.4	96.3	97.2	98.0	98.5	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1000	64.5	88.2	92.0	94.7	96.8	97.7	98.4	99.0	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 900	64.5	88.2	92.0	94.7	96.8	97.7	98.6	99.3	99.5	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 800	64.5	88.2	92.0	94.7	96.8	97.8	98.6	99.4	99.6	99.8	99.8	99.8	99.9	100.0	100.0	100.0
≥ 700	64.5	88.2	92.0	94.7	96.8	97.8	98.6	99.4	99.6	99.8	99.8	99.8	99.9	100.0	100.0	100.0
≥ 600	64.5	88.2	92.0	94.7	96.8	97.8	98.6	99.4	99.6	99.8	99.8	99.8	99.9	100.0	100.0	100.0
≥ 500	64.5	88.2	92.0	94.7	96.8	97.8	98.6	99.4	99.6	99.8	99.8	99.8	99.9	100.0	100.0	100.0
≥ 400	64.5	88.2	92.0	94.7	96.8	97.8	98.6	99.4	99.6	99.8	99.8	99.8	99.9	100.0	100.0	100.0
≥ 300	64.5	88.2	92.0	94.7	96.8	97.8	98.6	99.4	99.6	99.8	99.8	99.8	99.9	100.0	100.0	100.0
≥ 200	64.5	88.2	92.0	94.7	96.8	97.8	98.6	99.4	99.6	99.8	99.8	99.8	99.9	100.0	100.0	100.0
≥ 100	64.5	88.2	92.0	94.7	96.8	97.8	98.6	99.4	99.6	99.8	99.8	99.8	99.9	100.0	100.0	100.0
≥ 0	64.5	88.2	92.0	94.7	96.8	97.8	98.6	99.4	99.6	99.8	99.8	99.8	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1766

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

## CEILING VERSUS VISIBILITY

43310  
STATION

FUKUOKA KYUSHU JAPAN/ITAZUKE AB  
STATION NAME

46-64  
YEARS

OCT  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1800-2000  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	18.3	36.8	40.4	43.0	45.3	45.9	46.5	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
≥ 20000	21.4	44.5	49.1	52.8	55.7	56.8	57.6	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 18000	21.6	44.8	49.6	53.3	56.2	57.3	58.1	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 16000	21.8	45.9	50.7	54.7	57.8	58.9	60.0	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 14000	23.1	48.3	53.3	57.6	60.8	62.0	63.2	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 12000	23.5	51.3	56.9	61.9	65.4	66.8	68.4	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 10000	23.8	54.1	60.2	65.5	69.3	70.9	72.9	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 9000	24.0	55.0	61.2	66.8	70.7	72.4	74.6	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 8000	24.2	56.9	63.2	69.0	72.9	74.7	77.2	78.4	78.6	78.7	78.8	78.8	78.8	78.8	78.8	78.8
≥ 7000	24.3	57.4	63.9	69.8	73.8	75.6	78.3	79.6	79.7	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 6000	24.5	58.0	64.8	71.1	75.3	77.1	79.9	81.3	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 5000	25.4	60.3	67.2	73.5	77.7	79.6	82.6	84.0	84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 4500	25.9	61.7	68.8	75.3	79.6	81.6	84.6	86.0	86.1	86.3	86.4	86.4	86.4	86.4	86.4	86.4
≥ 4000	26.5	63.6	70.9	77.3	82.0	84.1	87.2	88.7	88.9	89.1	89.2	89.2	89.3	89.3	89.3	89.3
≥ 3500	27.2	66.1	73.9	80.6	85.5	87.6	90.8	92.4	92.5	92.8	92.9	92.9	93.0	93.0	93.0	93.0
≥ 3000	27.5	67.5	75.2	82.0	87.0	89.2	92.7	94.3	94.4	94.7	94.9	94.9	95.0	95.0	95.0	95.0
≥ 2500	27.7	68.4	76.4	83.2	88.3	90.4	94.1	95.8	95.9	96.3	96.4	96.4	96.5	96.5	96.5	96.5
≥ 2000	27.9	69.2	77.2	84.3	89.4	91.6	95.5	97.2	97.3	97.8	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1800	27.9	69.2	77.2	84.4	89.5	91.7	95.6	97.3	97.4	97.9	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1500	27.9	69.4	77.6	84.9	90.1	92.2	96.5	98.3	98.4	98.9	99.1	99.1	99.2	99.2	99.2	99.2
≥ 1200	27.9	69.6	77.9	85.3	90.4	92.6	96.8	98.6	98.8	99.3	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1000	27.9	69.6	77.9	85.3	90.5	92.6	96.9	98.8	99.0	99.5	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	27.9	69.6	77.9	85.3	90.5	92.6	96.9	98.8	99.0	99.5	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	27.9	69.6	78.0	85.4	90.5	92.7	97.0	98.9	99.1	99.6	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	27.9	69.6	78.0	85.4	90.5	92.7	97.0	98.9	99.1	99.6	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	27.9	69.6	78.0	85.4	90.5	92.7	97.0	98.9	99.1	99.6	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	27.9	69.6	78.0	85.5	90.6	92.8	97.1	99.0	99.2	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	27.9	69.6	78.0	85.5	90.6	92.8	97.1	99.0	99.2	99.7	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	27.9	69.6	78.0	85.5	90.6	92.8	97.1	99.0	99.2	99.7	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	27.9	69.6	78.0	85.5	90.6	92.8	97.1	99.0	99.2	99.7	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	27.9	69.6	78.0	85.5	90.6	92.8	97.1	99.0	99.2	99.7	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	27.9	69.6	78.0	85.5	90.6	92.8	97.1	99.0	99.2	99.7	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1767

1210WS FORM 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUL 64

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

## CEILING VERSUS VISIBILITY

43310  
STATION

FUKUCKA KYUSHU JAPAN/ITAZUKE AB  
STATION NAME

46-64  
YEARS

OCT  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	11.5	41.9	47.3	51.5	52.4	52.8	53.0	53.0	53.2	53.2	53.2	53.2	53.3	53.3	53.3	53.3
≥ 20000	12.2	47.1	53.1	58.8	61.0	61.5	61.8	61.8	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 18000	12.4	47.8	53.8	59.5	61.8	62.3	62.5	62.6	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 16000	12.5	48.3	54.5	60.5	62.7	63.3	63.5	63.6	63.7	63.7	63.7	63.7	63.8	63.8	63.8	63.8
≥ 14000	13.0	50.0	56.4	62.4	64.8	65.4	65.8	65.8	66.0	66.0	66.0	66.0	66.1	66.1	66.1	66.1
≥ 12000	13.7	52.7	59.7	66.5	69.3	69.9	70.3	70.4	70.5	70.5	70.5	70.5	70.6	70.6	70.6	70.6
≥ 10000	13.7	54.4	61.9	69.5	72.6	73.4	73.8	73.8	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.1
≥ 9000	13.9	56.0	63.5	71.0	74.3	75.3	75.7	75.8	75.9	75.9	76.0	76.0	76.1	76.1	76.1	76.1
≥ 8000	14.3	58.4	66.3	74.2	77.8	78.9	79.4	79.5	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8
≥ 7000	14.8	59.3	67.5	75.6	79.5	80.6	81.1	81.2	81.4	81.4	81.5	81.5	81.6	81.6	81.6	81.6
≥ 6000	14.9	60.1	68.5	76.8	80.7	82.0	82.6	82.8	82.9	82.9	83.1	83.1	83.1	83.1	83.1	83.1
≥ 5000	15.6	62.1	70.7	79.1	83.2	84.5	85.2	85.5	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8
≥ 4500	15.8	63.2	71.8	80.5	84.6	86.0	86.7	87.0	87.2	87.2	87.3	87.3	87.4	87.4	87.4	87.4
≥ 4000	16.3	64.9	73.9	82.7	87.3	88.6	89.5	89.7	89.9	89.9	90.0	90.0	90.1	90.1	90.1	90.1
≥ 3500	16.7	66.6	75.7	84.5	89.2	90.6	91.5	91.9	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2
≥ 3000	17.2	68.2	77.5	86.5	91.7	93.1	94.1	94.5	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8
≥ 2500	17.4	68.6	78.0	87.1	92.4	93.8	94.9	95.4	95.5	95.5	95.6	95.6	95.7	95.7	95.7	95.7
≥ 2000	17.6	70.1	79.8	89.1	94.7	96.1	97.3	97.7	97.9	98.1	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1800	17.7	70.3	79.9	89.5	95.1	96.5	97.7	98.1	98.3	98.5	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1500	17.7	70.5	80.2	89.7	95.5	97.0	98.1	98.6	98.8	98.9	99.0	99.0	99.1	99.1	99.1	99.1
≥ 1200	17.7	70.7	80.3	89.9	95.6	97.1	98.3	98.8	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1000	17.7	70.8	80.5	90.0	95.8	97.3	98.6	99.2	99.3	99.5	99.6	99.6	99.7	99.7	99.7	99.7
≥ 900	17.7	70.8	80.5	90.0	95.9	97.4	98.7	99.2	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	17.7	70.8	80.5	90.1	95.9	97.5	98.8	99.3	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8
≥ 700	17.7	70.8	80.5	90.1	96.0	97.5	98.8	99.3	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	17.7	70.8	80.5	90.1	96.0	97.5	98.8	99.4	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	17.7	70.8	80.5	90.1	96.0	97.5	98.8	99.4	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	17.7	70.8	80.5	90.1	96.0	97.5	98.8	99.4	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	17.7	70.8	80.5	90.1	96.0	97.5	98.8	99.4	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	17.7	70.8	80.5	90.1	96.0	97.5	98.8	99.4	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	17.7	70.8	80.5	90.1	96.0	97.5	98.8	99.4	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	17.7	70.8	80.5	90.1	96.0	97.5	98.8	99.4	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1765

1210W5 FORM 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

## CEILING VERSUS VISIBILITY

43310  
STATION

FUKUOKA KYUSHU JAPAN/ITAZUKE AB  
STATION NAME

46-64  
YEARS

NOV  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	8.9	38.4	43.5	49.3	51.5	52.2	52.9	53.2	53.5	53.9	54.0	54.0	54.0	54.0	54.2	54.2
≥ 20000	9.4	41.5	47.7	55.0	58.1	59.1	59.9	60.2	60.4	60.8	60.9	61.0	61.1	61.2	61.3	61.3
≥ 18000	9.4	41.8	48.0	55.2	58.4	59.4	60.2	60.5	60.7	61.1	61.2	61.2	61.3	61.3	61.5	61.6
≥ 16000	9.4	42.1	48.3	55.6	58.8	59.8	60.6	60.9	61.1	61.5	61.6	61.6	61.7	61.8	61.9	62.0
≥ 14000	9.4	42.7	48.9	56.2	59.5	60.5	61.3	61.6	61.9	62.3	62.4	62.4	62.5	62.5	62.6	62.8
≥ 12000	9.5	43.7	50.5	58.3	62.0	63.1	64.0	64.3	64.5	64.9	65.0	65.0	65.1	65.1	65.3	65.4
≥ 10000	9.8	45.5	52.6	60.9	64.9	66.2	67.2	67.6	67.8	68.2	68.4	68.4	68.4	68.5	68.6	68.8
≥ 9000	9.9	45.8	52.9	61.4	65.6	66.9	68.0	68.4	68.6	69.0	69.1	69.1	69.2	69.2	69.4	69.5
≥ 8000	10.0	46.8	54.4	63.6	68.0	69.2	70.6	71.0	71.2	71.6	71.8	71.8	71.9	72.0	72.0	72.2
≥ 7000	10.1	47.5	55.3	64.6	68.9	70.2	71.6	72.0	72.3	72.7	72.8	72.8	72.9	73.0	73.0	73.2
≥ 6000	10.3	48.7	56.8	66.3	70.6	72.2	73.6	74.0	74.3	74.7	74.8	74.8	74.9	74.9	75.0	75.2
≥ 5000	11.8	52.6	61.0	70.7	75.3	77.0	78.6	79.1	79.3	79.7	79.8	79.8	79.9	79.9	80.1	80.2
≥ 4500	13.2	55.8	64.3	74.2	78.7	80.5	82.0	82.5	82.7	83.2	83.3	83.3	83.3	83.4	83.5	83.7
≥ 4000	14.3	59.8	68.5	78.8	83.6	85.4	87.0	87.6	87.8	88.3	88.4	88.4	88.5	88.5	88.7	88.8
≥ 3500	14.9	61.8	70.8	81.7	86.8	88.5	90.4	91.0	91.2	91.9	92.0	92.0	92.0	92.1	92.2	92.4
≥ 3000	15.4	63.9	73.1	84.4	89.9	91.8	93.6	94.3	94.6	95.2	95.3	95.3	95.4	95.4	95.6	95.7
≥ 2500	15.8	65.0	74.4	86.3	92.0	93.9	95.7	96.5	96.8	97.4	97.5	97.5	97.6	97.7	97.8	98.0
≥ 2000	15.8	65.3	74.9	86.7	92.5	94.4	96.4	97.3	97.5	98.2	98.3	98.3	98.4	98.4	98.5	98.7
≥ 1800	15.8	65.3	74.9	86.8	92.6	94.5	96.5	97.4	97.7	98.3	98.4	98.4	98.5	98.5	98.7	98.8
≥ 1500	15.8	65.3	74.9	86.8	92.7	94.8	97.0	97.8	98.1	98.7	98.8	98.8	98.9	98.9	99.1	99.2
≥ 1200	15.8	65.4	75.1	87.0	92.9	95.1	97.3	98.2	98.4	99.1	99.2	99.2	99.2	99.3	99.4	99.6
≥ 1000	15.8	65.4	75.1	87.0	93.0	95.3	97.4	98.5	98.7	99.4	99.5	99.5	99.5	99.6	99.7	99.9
≥ 900	15.8	65.4	75.1	87.0	93.0	95.3	97.4	98.5	98.7	99.4	99.5	99.5	99.5	99.6	99.7	99.9
≥ 800	15.8	65.4	75.1	87.0	93.0	95.3	97.4	98.5	98.7	99.4	99.5	99.5	99.5	99.6	99.7	99.9
≥ 700	15.8	65.4	75.1	87.0	93.0	95.3	97.4	98.5	98.7	99.4	99.5	99.5	99.5	99.6	99.7	99.9
≥ 600	15.8	65.4	75.1	87.0	93.0	95.3	97.4	98.5	98.7	99.4	99.5	99.5	99.5	99.6	99.7	99.9
≥ 500	15.8	65.4	75.1	87.0	93.0	95.3	97.4	98.5	98.7	99.4	99.5	99.5	99.5	99.6	99.7	99.9
≥ 400	15.8	65.4	75.1	87.0	93.0	95.3	97.4	98.5	98.7	99.4	99.5	99.5	99.5	99.6	99.7	99.9
≥ 300	15.8	65.4	75.1	87.0	93.0	95.3	97.4	98.5	98.7	99.4	99.5	99.5	99.5	99.6	99.7	99.9
≥ 200	15.8	65.4	75.1	87.0	93.0	95.3	97.4	98.5	98.7	99.4	99.5	99.5	99.5	99.6	99.7	99.9
≥ 100	15.8	65.4	75.1	87.0	93.0	95.3	97.4	98.5	98.7	99.4	99.5	99.5	99.5	99.6	99.7	99.9
≥ 0	15.8	65.4	75.1	87.0	93.0	95.3	97.4	98.5	98.7	99.4	99.5	99.5	99.5	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 1710

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

## CEILING VERSUS VISIBILITY

43310  
STATION

FUKUOKA KYUSHU JAPAN/ITAZUKE AB  
STATION NAME

46-64  
YEARS

NOV  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	10.5	38.9	42.5	47.1	49.4	50.1	50.7	51.2	51.2	51.3	51.3	51.3	51.4	51.4	51.4	51.5
≥ 20000	10.8	41.5	45.6	51.6	54.7	55.4	56.1	56.6	56.6	56.8	56.8	56.8	56.8	56.8	56.8	57.1
≥ 18000	10.8	41.6	45.7	51.8	54.8	55.6	56.3	56.7	56.7	56.9	56.9	56.9	57.0	57.0	57.0	57.1
≥ 16000	10.8	41.9	46.1	52.2	55.3	56.0	56.7	57.2	57.2	57.4	57.4	57.4	57.4	57.4	57.4	57.6
≥ 14000	10.8	42.3	46.5	52.7	55.7	56.5	57.2	57.7	57.7	57.8	57.8	57.8	57.9	57.9	57.9	58.1
≥ 12000	11.1	43.9	48.5	55.1	58.4	59.2	59.9	60.4	60.4	60.6	60.6	60.6	60.6	60.6	60.6	60.8
≥ 10000	11.5	45.5	50.8	58.1	61.7	62.6	63.3	64.0	64.0	64.2	64.2	64.2	64.3	64.3	64.3	64.4
≥ 9000	11.5	46.3	51.6	59.0	62.6	63.6	64.4	65.0	65.1	65.3	65.3	65.3	65.3	65.3	65.3	65.5
≥ 8000	11.5	48.1	54.0	61.8	65.7	66.7	67.7	68.3	68.4	68.5	68.5	68.5	68.6	68.6	68.6	68.8
≥ 7000	11.6	49.1	55.1	63.1	67.2	68.2	69.5	70.1	70.2	70.4	70.4	70.4	70.4	70.4	70.4	70.6
≥ 6000	12.0	50.7	57.0	65.2	69.4	70.6	71.8	72.5	72.5	72.7	72.7	72.7	72.7	72.7	72.7	72.9
≥ 5000	13.3	54.3	60.9	69.2	73.5	74.7	76.1	76.9	77.0	77.1	77.1	77.1	77.2	77.2	77.2	77.4
≥ 4500	14.3	57.5	64.2	72.7	77.1	78.4	79.9	80.7	80.8	80.9	80.9	80.9	81.0	81.0	81.0	81.2
≥ 4000	16.3	63.2	70.2	79.0	83.6	84.9	86.7	87.6	87.7	87.9	88.0	88.0	88.0	88.0	88.1	88.3
≥ 3500	16.9	66.1	74.1	83.3	88.2	89.5	91.4	92.3	92.4	92.6	92.7	92.7	92.7	92.7	92.9	93.1
≥ 3000	17.0	68.3	76.7	86.4	91.6	92.9	94.9	95.8	95.9	96.1	96.2	96.2	96.3	96.3	96.4	96.6
≥ 2500	17.4	69.0	77.6	87.6	93.0	94.3	96.3	97.2	97.3	97.5	97.6	97.6	97.7	97.7	97.8	98.1
≥ 2000	17.4	69.2	78.0	88.1	93.5	94.9	96.9	97.8	97.9	98.1	98.2	98.2	98.3	98.3	98.4	98.6
≥ 1800	17.4	69.4	78.2	88.2	93.7	95.1	97.2	98.1	98.2	98.4	98.5	98.5	98.6	98.6	98.7	98.9
≥ 1500	17.4	69.4	78.2	88.4	94.0	95.6	97.8	98.7	98.8	99.0	99.1	99.1	99.2	99.2	99.3	99.5
≥ 1200	17.4	69.4	78.2	88.4	94.0	95.6	97.8	98.7	98.8	99.1	99.1	99.1	99.2	99.2	99.4	99.5
≥ 1000	17.4	69.4	78.2	88.4	94.0	95.7	97.9	98.9	99.0	99.2	99.3	99.3	99.4	99.4	99.5	99.7
≥ 900	17.4	69.4	78.2	88.4	94.0	95.7	97.9	98.9	99.0	99.2	99.3	99.3	99.4	99.4	99.5	99.7
≥ 800	17.4	69.4	78.2	88.4	94.0	95.7	97.9	98.9	99.0	99.2	99.3	99.3	99.4	99.4	99.5	99.7
≥ 700	17.4	69.4	78.2	88.5	94.2	95.8	98.0	99.0	99.1	99.4	99.4	99.4	99.5	99.5	99.6	99.8
≥ 600	17.4	69.4	78.2	88.5	94.2	95.8	98.0	99.0	99.1	99.4	99.4	99.4	99.5	99.5	99.6	99.8
≥ 500	17.4	69.4	78.2	88.5	94.2	95.8	98.0	99.0	99.1	99.4	99.4	99.4	99.5	99.5	99.6	99.8
≥ 400	17.4	69.4	78.2	88.5	94.2	95.8	98.0	99.0	99.1	99.4	99.4	99.4	99.5	99.5	99.6	99.8
≥ 300	17.4	69.4	78.2	88.5	94.2	95.8	98.0	99.0	99.1	99.4	99.4	99.4	99.5	99.5	99.6	99.8
≥ 200	17.4	69.4	78.2	88.5	94.2	95.8	98.0	99.0	99.1	99.4	99.4	99.4	99.5	99.5	99.6	99.8
≥ 100	17.4	69.4	78.2	88.5	94.2	95.8	98.0	99.0	99.1	99.4	99.4	99.4	99.5	99.5	99.6	99.8
≥ 0	17.4	69.4	78.2	88.5	94.2	95.8	98.0	99.0	99.1	99.4	99.4	99.4	99.5	99.5	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 1710

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

## CEILING VERSUS VISIBILITY

43310  
STATION

FUKUOKA KYUSHU JAPAN/ITAZUKE AB  
STATION NAME

46-64  
YEARS

NOV  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

3600-0800  
HOURS (L S T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0	
NO CEILING	8.5	25.3	29.8	32.7	36.0	37.7	40.1	41.8	41.9	42.6	42.7	42.7	42.8	42.8	42.8	42.9
≥ 20000	9.5	28.1	33.5	37.4	41.8	43.6	46.4	48.5	48.7	49.6	49.6	49.6	49.8	49.8	49.8	49.8
≥ 18000	9.5	28.1	33.5	37.4	41.8	43.7	46.5	48.6	48.8	49.7	49.8	49.8	49.9	49.9	49.9	49.9
≥ 16000	9.5	28.4	33.9	37.9	42.4	44.3	47.1	49.2	49.5	50.4	50.4	50.4	50.5	50.5	50.5	50.6
≥ 14000	9.8	29.2	34.9	39.2	43.8	45.8	48.8	50.9	51.2	52.0	52.1	52.1	52.2	52.2	52.2	52.3
≥ 12000	9.9	31.0	37.0	41.8	46.7	48.8	51.8	54.1	54.3	55.3	55.4	55.4	55.5	55.5	55.5	55.6
≥ 10000	10.3	32.4	38.9	44.4	49.5	51.8	54.9	57.3	57.5	58.5	58.7	58.7	58.8	58.8	58.8	58.9
≥ 9000	10.3	33.2	39.7	45.4	50.6	53.0	56.3	58.8	59.1	60.1	60.4	60.4	60.5	60.5	60.5	60.5
≥ 8000	10.8	34.7	41.6	47.4	52.9	55.5	58.8	61.5	61.8	62.9	63.1	63.1	63.3	63.3	63.3	63.3
≥ 7000	10.9	35.6	42.6	48.5	54.2	56.8	60.4	63.1	63.5	64.5	64.7	64.7	64.9	64.9	64.9	65.0
≥ 6000	11.2	36.5	43.7	49.6	55.4	58.2	61.9	64.6	65.0	66.1	66.3	66.3	66.5	66.5	66.5	66.5
≥ 5000	12.7	39.9	47.4	53.6	59.5	62.4	66.2	69.0	69.4	70.5	70.8	70.8	71.0	71.0	71.0	71.1
≥ 4500	14.6	43.5	51.2	57.4	63.6	66.5	70.4	73.4	73.8	75.0	75.3	75.3	75.5	75.5	75.5	75.6
≥ 4000	17.7	49.7	58.0	64.8	71.7	74.6	78.6	81.6	82.0	83.5	84.0	84.0	84.3	84.3	84.3	84.4
≥ 3500	19.4	53.0	61.7	69.0	76.0	79.0	83.4	86.5	87.1	88.7	89.2	89.2	89.5	89.5	89.5	89.6
≥ 3000	19.9	55.4	64.7	72.7	80.2	83.4	88.1	91.6	92.2	94.2	94.7	94.7	94.9	94.9	94.9	95.1
≥ 2500	20.3	56.8	66.3	74.4	82.2	85.4	90.4	93.9	94.5	96.5	97.1	97.1	97.4	97.4	97.4	97.5
≥ 2000	20.5	57.4	67.0	75.3	83.2	86.5	91.5	95.1	95.7	97.9	98.3	98.3	98.6	98.6	98.6	98.8
≥ 1800	20.5	57.4	67.1	75.4	83.2	86.5	91.5	95.1	95.7	97.8	98.4	98.4	98.7	98.7	98.7	98.8
≥ 1500	20.5	57.5	67.5	75.8	83.7	87.1	92.0	95.7	96.3	98.4	98.9	98.9	99.2	99.2	99.2	99.4
≥ 1200	20.5	57.7	67.7	76.1	84.1	87.5	92.5	96.2	96.8	98.9	99.4	99.4	99.7	99.7	99.7	99.9
≥ 1000	20.5	57.7	67.7	76.1	84.2	87.5	92.6	96.3	96.8	98.9	99.5	99.5	99.8	99.8	99.8	99.9
≥ 900	20.5	57.7	67.7	76.1	84.2	87.5	92.6	96.3	96.8	98.9	99.5	99.5	99.8	99.8	99.8	99.9
≥ 800	20.5	57.7	67.7	76.1	84.2	87.5	92.6	96.3	96.8	98.9	99.5	99.5	99.8	99.8	99.8	99.9
≥ 700	20.5	57.7	67.7	76.1	84.2	87.5	92.6	96.3	96.8	98.9	99.5	99.5	99.8	99.8	99.8	99.9
≥ 600	20.5	57.7	67.7	76.1	84.2	87.5	92.6	96.3	96.8	98.9	99.5	99.5	99.8	99.8	99.8	99.9
≥ 500	20.5	57.7	67.7	76.1	84.2	87.5	92.6	96.3	96.8	98.9	99.5	99.5	99.8	99.8	99.8	99.9
≥ 400	20.5	57.7	67.7	76.1	84.2	87.5	92.6	96.3	96.8	98.9	99.5	99.5	99.8	99.8	99.8	99.9
≥ 300	20.5	57.7	67.7	76.1	84.2	87.5	92.6	96.3	96.8	98.9	99.5	99.5	99.8	99.8	99.8	99.9
≥ 200	20.5	57.7	67.7	76.1	84.2	87.5	92.6	96.3	96.8	98.9	99.5	99.5	99.8	99.8	99.8	99.9
≥ 100	20.5	57.7	67.7	76.1	84.2	87.5	92.6	96.3	96.8	98.9	99.5	99.5	99.8	99.8	99.8	99.9
≥ 0	20.5	57.7	67.7	76.1	84.2	87.5	92.6	96.3	96.8	98.9	99.5	99.5	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 1710



DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

## CEILING VERSUS VISIBILITY

43310  
STATION

FUKUCKA KYUSHU JAPAN/ITAZUKE AB  
STATION NAME

46-64  
YEARS

NOV  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0900-1100  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	14.6	30.4	33.2	35.7	37.5	39.1	40.2	40.9	40.9	41.0	41.1	41.1	41.1	41.2	41.2	41.2
≥ 20000	17.4	36.1	39.8	43.0	45.3	47.3	48.5	49.6	49.7	49.8	50.0	50.0	50.0	50.1	50.1	50.1
≥ 18000	17.5	36.3	40.1	43.4	45.7	47.7	49.0	50.1	50.2	50.3	50.5	50.5	50.5	50.5	50.5	50.5
≥ 16000	17.7	36.7	40.6	44.0	46.5	48.5	49.8	50.9	51.0	51.2	51.4	51.4	51.4	51.5	51.5	51.5
≥ 14000	18.0	37.7	41.8	45.4	47.8	49.9	51.3	52.5	52.5	52.7	52.9	52.9	52.9	53.0	53.0	53.0
≥ 12000	18.5	39.4	43.9	47.8	50.4	52.6	54.1	55.2	55.3	55.5	55.8	55.8	55.8	55.9	55.9	55.9
≥ 10000	19.2	41.6	46.6	51.4	54.3	56.6	58.5	59.8	59.8	60.1	60.4	60.5	60.8	60.8	60.8	60.8
≥ 9000	19.4	42.2	47.4	52.5	55.7	58.1	60.2	61.5	61.5	61.9	62.3	62.4	62.7	62.8	62.8	62.9
≥ 8000	20.1	43.5	49.1	54.8	58.2	60.8	62.9	64.3	64.4	64.9	65.4	65.6	66.0	66.0	66.0	66.1
≥ 7000	20.2	44.0	49.8	55.7	59.3	62.0	64.4	66.0	66.1	66.7	67.1	67.4	67.7	67.8	67.8	67.8
≥ 6000	20.6	44.7	50.5	56.5	60.2	62.9	65.5	67.1	67.3	67.9	68.4	68.7	69.1	69.1	69.1	69.2
≥ 5000	21.6	46.8	52.8	59.1	62.8	65.5	68.2	70.0	70.2	70.8	71.4	71.6	72.0	72.1	72.1	72.2
≥ 4500	24.6	50.3	56.5	62.9	66.8	69.5	72.2	74.0	74.2	74.8	75.4	75.7	76.1	76.1	76.1	76.2
≥ 4000	29.4	57.0	63.6	70.4	74.4	77.3	80.4	82.2	82.5	83.2	84.0	84.2	84.7	84.8	84.8	84.9
≥ 3500	31.2	60.1	66.9	74.1	78.5	81.5	84.7	86.6	86.8	87.7	88.5	88.7	89.2	89.3	89.3	89.4
≥ 3000	33.3	63.5	70.5	78.0	82.9	86.0	89.4	91.5	91.8	92.7	93.5	93.7	94.2	94.3	94.3	94.3
≥ 2500	34.3	65.2	72.5	80.1	85.2	88.5	92.0	94.3	94.6	95.4	96.3	96.5	97.0	97.1	97.1	97.1
≥ 2000	34.6	66.0	73.3	81.0	86.3	89.5	93.1	95.4	95.7	96.6	97.4	97.7	98.2	98.2	98.2	98.3
≥ 1800	34.6	66.0	73.4	81.1	86.4	89.6	93.2	95.5	95.8	96.7	97.5	97.8	98.3	98.4	98.4	98.4
≥ 1500	34.6	66.3	73.8	81.5	86.8	90.1	93.8	96.1	96.4	97.4	98.2	98.4	99.1	99.1	99.1	99.2
≥ 1200	34.6	66.4	73.9	81.6	87.0	90.3	94.1	96.4	96.8	97.8	98.6	98.8	99.5	99.5	99.5	99.6
≥ 1000	34.6	66.4	73.9	81.6	87.0	90.3	94.2	96.5	96.9	97.9	98.7	98.9	99.6	99.7	99.7	99.8
≥ 900	34.6	66.4	73.9	81.6	87.0	90.3	94.2	96.6	97.0	98.0	98.8	99.0	99.7	99.8	99.8	99.8
≥ 800	34.6	66.4	73.9	81.6	87.0	90.3	94.2	96.6	97.0	98.0	98.8	99.0	99.7	99.8	99.8	99.8
≥ 700	34.6	66.4	73.9	81.6	87.0	90.3	94.2	96.7	97.0	98.0	98.8	99.1	99.8	99.8	99.8	99.9
≥ 600	34.6	66.4	73.9	81.6	87.0	90.3	94.2	96.7	97.0	98.0	98.8	99.1	99.8	99.8	99.8	99.9
≥ 500	34.6	66.4	73.9	81.6	87.0	90.3	94.2	96.7	97.0	98.0	98.8	99.1	99.8	99.8	99.8	99.9
≥ 400	34.6	66.4	73.9	81.6	87.0	90.3	94.2	96.7	97.0	98.0	98.8	99.1	99.8	99.8	99.8	99.9
≥ 300	34.6	66.4	73.9	81.6	87.0	90.3	94.2	96.7	97.0	98.1	98.9	99.2	99.9	99.9	99.9	100.0
≥ 200	34.6	66.4	73.9	81.6	87.0	90.3	94.2	96.7	97.0	98.1	98.9	99.2	99.9	99.9	99.9	100.0
≥ 100	34.6	66.4	73.9	81.6	87.0	90.3	94.2	96.7	97.0	98.1	98.9	99.2	99.9	99.9	99.9	100.0
≥ 0	34.6	66.4	73.9	81.6	87.0	90.3	94.2	96.7	97.0	98.1	98.9	99.2	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 1710

1210WS FORM 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUL 64

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

## CEILING VERSUS VISIBILITY

43310  
STATION

FUKUOKA KYUSHU JAPAN/ITAZUKE AB  
STATION NAME

46-64  
YEARS

NOV  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	27.5	36.4	37.1	37.5	37.5	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
≥ 20000	33.2	46.4	47.3	47.8	47.8	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
≥ 18000	33.7	47.3	48.2	48.7	48.8	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
≥ 16000	34.6	48.1	49.1	49.6	49.8	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
≥ 14000	35.1	49.6	50.5	51.2	51.3	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
≥ 12000	36.1	52.0	53.0	53.7	54.0	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 10000	37.5	55.3	57.0	58.4	59.0	59.2	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 9000	37.8	55.9	57.6	59.2	59.9	60.2	60.4	60.4	60.4	60.4	60.4	60.5	60.5	60.5	60.5	60.5
≥ 8000	38.4	57.7	59.8	61.9	62.6	63.0	63.3	63.4	63.4	63.7	63.7	63.8	63.8	63.8	63.8	63.8
≥ 7000	38.5	58.1	60.5	62.7	63.6	64.1	64.4	64.5	64.5	64.8	64.9	64.9	64.9	64.9	64.9	64.9
≥ 6000	38.9	59.2	61.6	64.2	65.0	65.7	66.0	66.1	66.1	66.4	66.5	66.5	66.5	66.5	66.5	66.5
≥ 5000	40.8	61.5	64.1	66.8	67.7	68.5	68.8	68.9	68.9	69.2	69.3	69.4	69.4	69.4	69.4	69.4
≥ 4500	43.1	64.8	67.4	70.2	71.2	71.9	72.3	72.3	72.4	72.8	72.9	73.0	73.0	73.0	73.0	73.0
≥ 4000	49.4	72.7	75.5	78.5	79.6	80.5	80.9	81.0	81.1	81.6	81.8	81.9	81.9	81.9	81.9	81.9
≥ 3500	53.7	78.2	81.2	84.3	85.6	86.4	86.8	87.1	87.1	87.7	87.9	88.0	88.0	88.0	88.0	88.0
≥ 3000	57.4	83.0	86.1	89.6	91.3	92.2	92.7	93.0	93.0	93.6	93.8	93.9	93.9	93.9	93.9	93.9
≥ 2500	58.8	85.4	88.5	92.2	94.0	95.1	95.6	96.0	96.0	96.6	96.8	96.8	96.8	96.8	96.8	96.8
≥ 2000	59.4	86.4	89.6	93.6	95.4	96.6	97.3	97.7	97.7	98.3	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1800	59.4	86.5	89.8	93.7	95.6	96.8	97.5	98.0	98.0	98.6	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1500	59.4	86.6	89.8	93.9	95.8	97.0	97.8	98.2	98.3	98.9	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1200	59.4	86.7	89.9	94.0	96.1	97.3	98.1	98.7	98.7	99.4	99.5	99.6	99.6	99.6	99.6	99.6
≥ 1000	59.4	86.7	89.9	94.0	96.1	97.3	98.2	98.8	98.8	99.5	99.7	99.8	99.8	99.8	99.8	99.8
≥ 900	59.4	86.7	90.0	94.1	96.2	97.4	98.2	98.8	98.9	99.6	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	59.4	86.7	90.0	94.1	96.2	97.4	98.2	98.8	98.9	99.6	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	59.4	86.7	90.0	94.1	96.2	97.4	98.2	98.8	98.9	99.6	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	59.4	86.7	90.0	94.1	96.2	97.4	98.2	98.8	98.9	99.6	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	59.4	86.7	90.0	94.1	96.2	97.4	98.4	98.9	99.0	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	59.4	86.7	90.0	94.1	96.3	97.5	98.4	99.0	99.1	99.8	99.9	100.0	100.0	100.0	100.0	100.0
≥ 300	59.4	86.7	90.0	94.1	96.3	97.5	98.4	99.0	99.1	99.8	99.9	100.0	100.0	100.0	100.0	100.0
≥ 200	59.4	86.7	90.0	94.1	96.3	97.5	98.4	99.0	99.1	99.8	99.9	100.0	100.0	100.0	100.0	100.0
≥ 100	59.4	86.7	90.0	94.1	96.3	97.5	98.4	99.0	99.1	99.8	99.9	100.0	100.0	100.0	100.0	100.0
≥ 0	59.4	86.7	90.0	94.1	96.3	97.5	98.4	99.0	99.1	99.8	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1110

1210WS FORM 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

## CEILING VERSUS VISIBILITY

4331C  
STATION

FUKUOKA KYUSHU JAPAN/ITAZUKE AB  
STATION NAME

46-64  
YEARS

NOV  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	30.1	38.5	39.2	39.7	40.0	40.1	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2
≥ 20000	36.5	49.1	50.5	51.3	51.6	51.9	51.9	51.9	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 18000	37.2	49.9	51.4	52.2	52.6	52.8	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
≥ 16000	37.9	50.8	52.4	53.2	53.7	53.9	54.0	54.1	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 14000	38.5	52.6	54.4	55.4	56.1	56.4	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 12000	39.3	55.0	57.0	58.3	59.2	59.5	60.0	60.2	60.2	60.2	60.3	60.3	60.3	60.3	60.3	60.3
≥ 10000	41.1	57.4	59.8	61.6	62.7	63.1	63.8	64.0	64.0	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 9000	41.5	57.9	60.5	62.5	63.6	64.1	64.9	65.1	65.1	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 8000	41.9	59.6	62.3	64.6	65.9	66.5	67.6	67.8	67.8	68.0	68.1	68.1	68.1	68.1	68.1	68.1
≥ 7000	42.0	59.8	62.7	65.3	66.7	67.3	68.4	68.7	68.7	68.9	69.1	69.1	69.1	69.1	69.1	69.1
≥ 6000	42.2	60.2	63.2	65.8	67.5	68.2	69.3	69.6	69.6	69.8	69.9	69.9	69.9	69.9	69.9	69.9
≥ 5000	43.8	62.4	65.4	68.4	70.3	71.0	72.3	72.6	72.6	72.9	73.0	73.0	73.0	73.0	73.0	73.0
≥ 4500	45.8	65.1	68.3	71.6	73.5	74.3	75.6	76.0	76.0	76.3	76.4	76.4	76.4	76.4	76.4	76.4
≥ 4000	50.7	71.0	74.2	77.7	79.8	80.6	82.3	82.8	82.8	83.2	83.3	83.3	83.3	83.3	83.3	83.3
≥ 3500	54.4	76.1	79.5	83.3	85.6	86.4	88.1	88.8	88.8	89.1	89.2	89.2	89.3	89.3	89.3	89.3
≥ 3000	56.7	79.5	83.3	87.2	89.6	90.5	92.4	93.2	93.2	93.6	93.7	93.7	93.8	93.8	93.8	93.8
≥ 2500	57.5	81.3	85.3	89.6	92.3	93.2	95.1	96.0	96.0	96.4	96.5	96.5	96.5	96.5	96.5	96.5
≥ 2000	57.9	81.8	86.0	90.5	93.5	94.6	96.6	97.5	97.5	98.0	98.1	98.1	98.2	98.2	98.2	98.2
≥ 1800	58.0	81.9	86.1	90.6	93.6	94.7	96.7	97.7	97.7	98.1	98.3	98.3	98.4	98.4	98.4	98.4
≥ 1500	58.0	81.9	86.1	90.8	93.9	95.1	97.1	98.2	98.2	98.6	98.8	98.8	98.9	98.9	98.9	98.9
≥ 1200	58.0	81.9	86.1	90.9	93.9	95.1	97.2	98.2	98.2	98.7	98.9	98.9	99.0	99.0	99.0	99.0
≥ 1000	58.0	82.0	86.2	91.0	94.0	95.3	97.4	98.5	98.5	99.1	99.3	99.3	99.4	99.4	99.4	99.4
≥ 900	58.0	82.0	86.2	91.0	94.1	95.3	97.4	98.5	98.5	99.1	99.4	99.4	99.5	99.5	99.5	99.5
≥ 800	58.0	82.0	86.2	91.1	94.2	95.4	97.5	98.6	98.6	99.2	99.4	99.4	99.6	99.6	99.6	99.6
≥ 700	58.0	82.0	86.2	91.1	94.2	95.4	97.5	98.7	98.7	99.2	99.5	99.5	99.6	99.6	99.6	99.6
≥ 600	58.0	82.0	86.2	91.1	94.2	95.4	97.6	98.8	98.8	99.4	99.6	99.6	99.8	99.8	99.8	99.8
≥ 500	58.0	82.0	86.2	91.1	94.2	95.4	97.6	98.8	98.8	99.4	99.6	99.6	99.8	99.8	99.8	99.8
≥ 400	58.0	82.0	86.2	91.1	94.2	95.4	97.6	98.9	98.9	99.5	99.8	99.8	99.9	99.9	99.9	99.9
≥ 300	58.0	82.0	86.2	91.1	94.2	95.4	97.6	98.9	98.9	99.5	99.8	99.8	99.9	99.9	99.9	99.9
≥ 200	58.0	82.0	86.2	91.1	94.2	95.4	97.6	98.9	98.9	99.6	99.8	99.8	100.0	100.0	100.0	100.0
≥ 100	58.0	82.0	86.2	91.1	94.2	95.4	97.6	98.9	98.9	99.6	99.8	99.8	100.0	100.0	100.0	100.0
≥ 0	58.0	82.0	86.2	91.1	94.2	95.4	97.6	98.9	98.9	99.6	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1710

1210WS FORM 0-14-5 (Det 50) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

## CEILING VERSUS VISIBILITY

43310 FUKUOKA KYUSHU JAPAN/ITAZUKE AB

46-64

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1800-2000  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	7.6	24.5	30.9	36.3	40.5	42.7	45.1	46.9	47.0	47.7	47.7	47.7	47.8	47.8	47.8	47.8
≥ 20000	8.2	28.0	35.6	42.4	47.4	50.2	53.2	55.1	55.3	56.3	56.4	56.4	56.4	56.4	56.4	56.5
≥ 18000	8.2	28.1	35.7	42.5	47.5	50.4	53.4	55.4	55.5	56.5	56.6	56.6	56.7	56.7	56.7	56.7
≥ 16000	8.2	28.2	35.8	42.7	48.0	50.9	54.0	56.0	56.1	57.1	57.3	57.3	57.3	57.3	57.3	57.4
≥ 14000	8.4	28.7	36.5	43.9	49.4	52.5	55.8	58.0	58.2	59.2	59.3	59.3	59.4	59.4	59.4	59.4
≥ 12000	8.6	29.8	37.8	45.7	51.6	55.1	58.6	61.1	61.3	62.8	63.0	63.0	63.0	63.0	63.0	63.1
≥ 10000	9.5	31.6	40.0	48.8	55.2	58.9	63.1	65.8	66.0	67.5	67.8	67.8	68.0	68.0	68.0	68.1
≥ 9000	9.5	31.6	40.3	49.2	55.8	59.5	63.9	66.6	66.8	68.4	68.7	68.7	68.8	68.8	68.8	68.9
≥ 8000	9.6	32.2	41.1	50.3	57.0	61.1	65.8	68.7	68.9	70.4	70.8	70.8	70.9	70.9	70.9	71.0
≥ 7000	9.6	32.4	41.4	50.9	57.8	62.0	66.8	69.7	69.9	71.5	71.9	71.9	72.0	72.0	72.0	72.1
≥ 6000	9.8	33.5	42.3	52.0	58.9	63.5	68.5	71.5	71.8	73.5	73.9	73.9	74.0	74.0	74.0	74.1
≥ 5000	10.9	35.3	44.5	54.7	62.3	67.0	72.3	75.3	75.6	77.4	77.8	77.8	78.0	78.0	78.0	78.1
≥ 4500	11.4	36.5	45.7	56.1	64.2	69.1	74.6	77.7	77.9	79.7	80.1	80.1	80.3	80.3	80.3	80.4
≥ 4000	13.9	40.5	49.8	60.5	68.8	73.7	79.5	82.0	83.0	85.1	85.6	85.6	85.8	85.8	85.8	85.9
≥ 3500	14.9	42.9	52.7	63.6	72.4	77.5	83.6	86.8	87.1	89.1	89.6	89.6	89.8	89.8	89.8	89.9
≥ 3000	15.1	45.1	55.2	66.7	75.7	80.9	87.1	90.6	90.9	92.9	93.5	93.5	93.6	93.6	93.6	93.7
≥ 2500	15.4	46.2	56.7	68.2	77.4	82.7	89.1	92.6	92.9	94.9	95.4	95.4	95.6	95.6	95.6	95.7
≥ 2000	15.5	47.0	57.9	69.6	79.1	84.6	91.0	94.8	95.0	97.1	97.6	97.6	97.8	97.8	97.8	97.8
≥ 1800	15.6	47.1	58.0	69.8	79.2	84.7	91.1	94.9	95.1	97.2	97.7	97.7	97.9	97.9	97.9	98.0
≥ 1500	15.6	47.2	58.1	70.0	79.6	85.1	91.6	95.4	95.6	97.7	98.2	98.2	98.4	98.4	98.4	98.5
≥ 1200	15.6	47.2	58.1	70.1	80.1	85.7	92.2	96.0	96.2	98.3	98.8	98.8	99.0	99.0	99.0	99.1
≥ 1000	15.6	47.2	58.2	70.2	80.2	85.8	92.3	96.3	96.5	98.8	99.3	99.3	99.5	99.5	99.5	99.5
≥ 900	15.6	47.2	58.2	70.2	80.2	85.8	92.3	96.3	96.5	98.8	99.4	99.4	99.5	99.5	99.5	99.6
≥ 800	15.6	47.2	58.2	70.2	80.3	85.8	92.3	96.3	96.5	98.9	99.4	99.4	99.6	99.6	99.6	99.6
≥ 700	15.6	47.2	58.2	70.2	80.3	85.8	92.4	96.4	96.6	98.9	99.5	99.5	99.6	99.6	99.6	99.7
≥ 600	15.6	47.2	58.2	70.2	80.4	85.9	92.5	96.5	96.7	99.1	99.6	99.6	99.8	99.8	99.8	99.8
≥ 500	15.6	47.2	58.2	70.2	80.4	85.9	92.6	96.5	96.8	99.1	99.6	99.6	99.9	99.9	99.9	99.9
≥ 400	15.6	47.2	58.2	70.2	80.4	85.9	92.6	96.5	96.8	99.1	99.6	99.6	99.9	99.9	99.9	99.9
≥ 300	15.6	47.2	58.2	70.2	80.4	85.9	92.6	96.5	96.8	99.1	99.6	99.6	99.9	99.9	99.9	100.0
≥ 200	15.6	47.2	58.2	70.2	80.4	85.9	92.6	96.5	96.8	99.1	99.6	99.6	99.9	99.9	99.9	100.0
≥ 100	15.6	47.2	58.2	70.2	80.4	85.9	92.6	96.5	96.8	99.1	99.6	99.6	99.9	99.9	99.9	100.0
≥ 0	15.6	47.2	58.2	70.2	80.4	85.9	92.6	96.5	96.8	99.1	99.6	99.6	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 1710

1210WS FORM JUL 64 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

# CEILING VERSUS VISIBILITY

4331C  
STATION

FUKUGKA KYUSHU JAPAN/ITA/UKA AB  
STATION NAME

46-64  
YEARS

NOV  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	6.7	29.8	35.9	43.5	47.1	49.3	50.8	51.8	51.9	52.0	52.0	52.0	52.1	52.1	52.1	52.1	52.1
≥ 20000	7.0	32.9	40.2	49.6	54.7	57.7	59.5	60.6	60.7	61.0	61.0	61.0	61.1	61.1	61.1	61.1	61.1
≥ 18000	7.1	33.1	40.5	49.9	55.0	58.1	59.8	60.9	61.1	61.3	61.3	61.3	61.4	61.4	61.4	61.4	61.4
≥ 16000	7.1	33.3	40.8	50.2	55.4	58.5	60.3	61.4	61.5	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 14000	7.1	33.9	41.7	51.2	56.6	59.8	61.6	62.7	62.8	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 12000	7.4	34.7	42.9	52.6	58.5	62.0	63.9	65.0	65.1	65.6	65.7	65.7	65.8	65.8	65.8	65.8	65.8
≥ 10000	7.6	36.1	44.8	55.7	62.2	65.8	67.9	69.1	69.2	69.6	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 9000	7.8	36.4	45.2	56.1	63.0	66.7	68.9	70.1	70.2	70.6	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 8000	7.8	36.9	45.7	57.3	64.3	68.0	70.5	71.7	71.8	72.3	72.4	72.4	72.5	72.5	72.5	72.5	72.5
≥ 7000	7.8	37.3	46.3	58.2	65.4	69.1	71.6	72.7	72.9	73.3	73.5	73.5	73.6	73.6	73.6	73.6	73.6
≥ 6000	8.0	38.1	47.4	59.4	66.5	70.2	73.1	74.3	74.4	74.9	75.0	75.0	75.1	75.1	75.1	75.1	75.1
≥ 5000	9.2	41.3	50.9	63.2	70.4	74.4	77.7	79.1	79.2	79.7	79.9	79.9	80.0	80.0	80.0	80.0	80.0
≥ 4500	9.8	43.3	53.0	65.4	73.0	77.1	80.5	81.9	82.0	82.5	82.7	82.7	82.8	82.8	82.8	82.8	82.8
≥ 4000	10.9	47.5	57.7	70.9	78.7	83.0	86.5	88.0	88.1	88.9	89.1	89.1	89.2	89.2	89.2	89.2	89.2
≥ 3500	11.1	49.0	59.7	73.2	81.4	85.7	89.4	90.9	91.1	91.9	92.1	92.1	92.2	92.2	92.2	92.2	92.2
≥ 3000	11.4	51.1	62.2	76.0	84.3	88.7	92.3	93.9	94.0	94.9	95.1	95.1	95.2	95.2	95.2	95.2	95.2
≥ 2500	11.5	52.0	63.2	77.4	86.0	90.6	94.3	96.0	96.1	96.9	97.1	97.1	97.3	97.3	97.3	97.3	97.3
≥ 2000	11.8	52.7	64.2	78.4	87.5	92.0	95.7	97.5	97.6	98.4	98.7	98.7	98.8	98.8	98.8	98.8	98.8
≥ 1800	11.8	52.7	64.2	78.5	87.5	92.1	95.8	97.5	97.7	98.5	98.7	98.7	98.8	98.8	98.8	98.8	98.9
≥ 1500	11.8	52.7	64.3	78.6	87.7	92.3	96.0	97.8	97.9	98.7	98.9	98.9	99.1	99.1	99.1	99.1	99.1
≥ 1200	11.8	52.8	64.3	78.7	87.8	92.5	96.1	98.0	98.1	98.9	99.1	99.1	99.2	99.2	99.2	99.2	99.3
≥ 1000	11.8	52.9	64.5	78.8	88.1	92.7	96.5	98.4	98.5	99.3	99.5	99.5	99.6	99.6	99.6	99.6	99.7
≥ 900	11.8	52.9	64.5	78.8	88.1	92.8	96.5	98.4	98.5	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.8
≥ 800	11.8	52.9	64.5	78.8	88.2	92.9	96.6	98.5	98.6	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.9
≥ 700	11.8	52.9	64.5	78.8	88.2	92.9	96.6	98.5	98.6	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.9
≥ 600	11.8	52.9	64.5	78.8	88.2	92.9	96.6	98.5	98.6	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.9
≥ 500	11.8	52.9	64.5	78.8	88.2	92.9	96.6	98.5	98.6	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.9
≥ 400	11.8	52.9	64.5	78.8	88.2	92.9	96.6	98.5	98.7	99.5	99.7	99.7	99.8	99.8	99.8	99.9	99.9
≥ 300	11.8	52.9	64.5	78.8	88.2	92.9	96.6	98.6	98.7	99.5	99.8	99.8	99.9	99.9	99.9	99.9	100.0
≥ 200	11.8	52.9	64.5	78.8	88.2	92.9	96.6	98.6	98.7	99.5	99.8	99.8	99.9	99.9	99.9	99.9	100.0
≥ 100	11.8	52.9	64.5	78.8	88.2	92.9	96.6	98.6	98.7	99.5	99.8	99.8	99.9	99.9	99.9	99.9	100.0
≥ 0	11.8	52.9	64.5	78.8	88.2	92.9	96.6	98.6	98.7	99.5	99.8	99.8	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 1710

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

# CEILING VERSUS VISIBILITY

43310  
STATION

FUKUOKA KYUSHU JAPAN/ITAZUKE AB  
STATION NAME

46-64  
YEARS

DEC  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0000-0200  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	8.2	29.2	33.0	37.1	38.4	39.0	39.7	39.9	39.9	39.9	40.0	40.0	40.1	40.1	40.1	40.2
IV 20000	8.6	32.1	36.5	41.3	43.2	44.2	45.1	45.3	45.3	45.3	45.4	45.4	45.5	45.5	45.5	45.6
IV 18000	8.6	32.1	36.5	41.4	43.2	44.3	45.2	45.3	45.3	45.4	45.4	45.4	45.5	45.6	45.6	45.6
IV 16000	8.6	32.3	36.7	41.5	43.4	44.5	45.3	45.5	45.5	45.6	45.6	45.6	45.7	45.7	45.7	45.8
IV 14000	8.8	32.8	37.2	42.1	44.1	45.2	46.1	46.2	46.2	46.3	46.3	46.3	46.5	46.5	46.5	46.6
IV 12000	9.0	33.5	38.2	43.5	45.7	46.7	47.6	47.8	47.8	47.9	47.9	48.0	48.0	48.0	48.0	48.1
IV 10000	9.3	35.2	40.1	45.5	47.7	48.8	49.7	50.0	50.0	50.0	50.1	50.1	50.2	50.2	50.2	50.3
IV 9000	9.6	36.1	41.4	47.0	49.2	50.4	51.3	51.6	51.6	51.7	51.7	51.7	51.8	51.8	51.8	51.9
IV 8000	9.7	37.1	42.7	48.7	51.2	52.4	53.3	53.6	53.7	53.7	53.8	53.8	53.9	53.9	53.9	54.0
IV 7000	9.7	38.0	43.7	49.9	52.5	53.6	54.6	54.9	55.0	55.0	55.1	55.1	55.2	55.2	55.2	55.3
IV 6000	10.4	39.4	45.3	51.7	54.6	55.8	56.8	57.1	57.2	57.2	57.3	57.3	57.5	57.5	57.5	57.6
IV 5000	11.7	44.5	50.7	57.6	60.8	62.0	63.3	63.6	63.7	63.8	63.9	63.9	64.0	64.0	64.0	64.1
IV 4500	14.2	49.7	56.4	63.5	66.8	68.0	69.4	69.8	69.9	70.0	70.1	70.1	70.2	70.2	70.2	70.3
IV 4000	18.0	61.1	68.7	76.7	80.4	81.7	83.2	83.6	83.6	83.9	84.0	84.0	84.1	84.1	84.1	84.1
IV 3500	19.0	66.1	74.6	83.1	87.0	88.4	89.9	90.3	90.3	90.5	90.7	90.7	90.9	90.9	90.9	90.9
IV 3000	19.6	69.6	78.6	87.7	92.0	93.4	95.0	95.4	95.4	95.6	95.9	95.9	96.1	96.1	96.1	96.1
IV 2500	19.8	70.6	79.8	89.1	93.5	95.0	96.5	96.9	97.0	97.2	97.5	97.5	97.7	97.7	97.7	97.7
IV 2000	19.8	70.9	80.2	89.5	94.2	95.6	97.7	98.1	98.1	98.4	98.6	98.6	98.8	98.8	98.8	98.9
IV 1800	19.8	70.9	80.2	89.5	94.2	95.8	97.8	98.2	98.3	98.5	98.8	98.8	99.0	99.0	99.0	99.0
IV 1500	19.8	71.0	80.3	89.5	94.3	95.8	97.8	98.4	98.5	98.7	98.9	98.9	99.2	99.2	99.2	99.2
IV 1200	19.8	71.0	80.3	89.5	94.3	95.8	97.8	98.4	98.5	98.7	98.9	98.9	99.2	99.2	99.2	99.2
IV 1000	19.8	71.0	80.5	89.7	94.4	96.0	98.1	98.6	98.7	98.9	99.2	99.2	99.4	99.4	99.5	99.5
IV 900	19.8	71.0	80.5	89.7	94.4	96.0	98.1	98.6	98.7	98.9	99.2	99.2	99.4	99.4	99.5	99.5
IV 800	19.8	71.0	80.6	89.8	94.6	96.2	98.3	98.9	98.9	99.2	99.4	99.4	99.6	99.6	99.7	99.8
IV 700	19.8	71.0	80.6	89.8	94.6	96.2	98.3	98.9	98.9	99.2	99.4	99.4	99.6	99.6	99.7	99.8
IV 600	19.8	71.0	80.6	89.8	94.6	96.2	98.3	98.9	98.9	99.2	99.4	99.4	99.6	99.6	99.7	99.8
IV 500	19.8	71.0	80.6	89.8	94.6	96.2	98.3	98.9	99.0	99.2	99.4	99.4	99.7	99.7	99.8	99.8
IV 400	19.8	71.0	80.6	89.8	94.6	96.2	98.4	99.0	99.1	99.3	99.5	99.5	99.8	99.8	99.9	99.9
IV 300	19.8	71.0	80.6	89.8	94.6	96.2	98.4	99.0	99.1	99.3	99.5	99.5	99.8	99.8	99.9	99.9
IV 200	19.8	71.0	80.6	89.8	94.6	96.2	98.4	99.0	99.1	99.3	99.5	99.5	99.8	99.8	99.9	99.9
IV 100	19.8	71.0	80.6	89.8	94.6	96.2	98.4	99.0	99.1	99.3	99.5	99.5	99.8	99.8	99.9	99.9
IV 0	19.8	71.0	80.6	89.8	94.6	96.2	98.4	99.0	99.1	99.3	99.5	99.5	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 1765

1210WS FORM 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

## CEILING VERSUS VISIBILITY

43310  
STATION

FUKUOKA KYUSHU JAPAN/ITA/UKA AB  
STATION NAME

46-64  
YEARS

DEC  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0300-2500  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	7.9	28.8	32.1	35.1	35.8	36.1	36.3	36.4	36.4	36.5	36.5	36.5	36.6	36.6	36.7	36.8
≥ 20000	8.4	31.7	35.4	39.4	40.7	41.1	41.3	41.5	41.5	41.6	41.6	41.6	41.7	41.7	41.8	41.9
≥ 18000	8.5	31.7	35.5	39.4	40.7	41.2	41.4	41.5	41.5	41.6	41.6	41.6	41.8	41.8	41.9	41.9
≥ 16000	8.5	31.9	35.6	39.6	40.9	41.4	41.5	41.7	41.7	41.8	41.8	41.8	41.9	41.9	42.0	42.1
≥ 14000	8.7	32.7	36.8	40.7	42.2	42.6	42.8	42.9	42.9	43.1	43.1	43.1	43.2	43.2	43.3	43.5
≥ 12000	8.7	33.7	37.7	42.0	43.6	44.0	44.2	44.4	44.4	44.5	44.5	44.5	44.6	44.6	44.7	44.8
≥ 10000	9.0	35.3	39.3	43.8	45.5	45.9	46.1	46.3	46.3	46.4	46.4	46.4	46.5	46.5	46.6	46.7
≥ 9000	9.1	36.1	40.3	45.0	46.7	47.1	47.4	47.6	47.6	47.7	47.7	47.7	47.8	47.8	47.9	48.0
≥ 8000	9.3	37.8	42.5	47.6	49.5	50.0	50.3	50.4	50.4	50.5	50.5	50.5	50.7	50.7	50.8	50.8
≥ 7000	9.4	38.5	43.3	48.7	50.8	51.2	51.5	51.7	51.7	51.8	51.8	51.8	51.9	51.9	52.0	52.1
≥ 6000	9.9	40.2	45.1	50.7	52.8	53.3	53.5	53.7	53.7	53.8	53.8	53.8	53.9	53.9	54.1	54.1
≥ 5000	12.1	45.6	50.8	56.8	59.5	59.9	60.2	60.4	60.4	60.6	60.6	60.6	60.7	60.7	60.8	60.8
≥ 4500	14.4	51.2	56.9	63.2	66.1	66.5	66.9	67.0	67.0	67.2	67.2	67.2	67.3	67.3	67.4	67.5
≥ 4000	18.6	62.5	68.8	76.0	79.2	79.7	80.0	80.2	80.2	80.3	80.3	80.3	80.5	80.5	80.6	80.6
≥ 3500	20.7	68.8	76.2	84.2	88.2	88.7	89.1	89.2	89.2	89.5	89.5	89.5	89.7	89.7	89.8	89.9
≥ 3000	21.6	72.6	80.1	88.4	92.9	93.5	94.2	94.3	94.3	94.6	94.6	94.6	94.8	94.8	95.0	95.1
≥ 2500	22.0	74.4	82.3	90.9	95.6	96.3	97.1	97.3	97.3	97.6	97.7	97.7	97.8	97.8	98.0	98.1
≥ 2000	22.0	74.7	82.7	91.4	96.3	97.1	98.0	98.2	98.2	98.5	98.6	98.6	98.8	98.8	98.9	99.0
≥ 1800	22.0	74.7	82.7	91.6	96.5	97.3	98.2	98.5	98.5	98.8	98.8	98.8	99.0	99.0	99.2	99.3
≥ 1500	22.0	74.7	82.7	91.6	96.7	97.5	98.4	98.6	98.6	98.9	99.0	99.0	99.2	99.2	99.3	99.4
≥ 1200	22.0	74.8	82.8	91.7	96.7	97.5	98.5	98.7	98.7	99.0	99.0	99.0	99.2	99.2	99.4	99.5
≥ 1000	22.0	74.8	82.8	91.8	96.9	97.7	98.6	98.9	98.9	99.2	99.2	99.2	99.4	99.4	99.5	99.7
≥ 900	22.0	74.8	82.9	91.8	96.9	97.7	98.7	98.9	98.9	99.2	99.3	99.3	99.4	99.4	99.6	99.7
≥ 800	22.0	74.8	82.9	91.9	97.0	97.8	98.8	99.0	99.0	99.3	99.3	99.3	99.5	99.5	99.7	99.8
≥ 700	22.0	74.8	82.9	91.9	97.0	97.8	98.8	99.0	99.0	99.3	99.3	99.3	99.5	99.5	99.7	99.8
≥ 600	22.0	74.8	82.9	91.9	97.0	97.8	98.8	99.0	99.0	99.3	99.3	99.3	99.5	99.5	99.7	99.8
≥ 500	22.0	74.8	82.9	91.9	97.0	97.8	98.8	99.0	99.0	99.3	99.4	99.4	99.5	99.5	99.7	99.8
≥ 400	22.0	74.8	83.0	92.0	97.1	97.8	98.9	99.1	99.1	99.4	99.4	99.4	99.6	99.6	99.8	99.9
≥ 300	22.0	74.8	83.0	92.0	97.1	97.8	98.9	99.1	99.1	99.4	99.4	99.4	99.6	99.6	99.8	99.9
≥ 200	22.0	74.8	83.0	92.0	97.1	97.8	98.9	99.1	99.1	99.4	99.4	99.4	99.6	99.6	99.8	99.9
≥ 100	22.0	74.8	83.0	92.0	97.1	97.8	98.9	99.1	99.1	99.4	99.4	99.4	99.6	99.6	99.8	99.9
≥ 0	22.0	74.8	83.0	92.0	97.1	97.8	98.9	99.1	99.1	99.4	99.4	99.4	99.6	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 1765

1210WS FORM JUL 64 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

## CEILING VERSUS VISIBILITY

43310 EUKUCKA KYUSHU JAPAN/ITAZUKI AB

46-64

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0600-0800  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	5.0	18.7	22.4	24.6	26.3	26.9	29.0	28.6	28.7	29.1	29.2	29.2	29.4	29.4	29.4	29.5
≥ 20000	5.4	21.3	25.9	28.7	31.0	31.7	33.1	33.8	34.0	34.4	34.5	34.5	34.7	34.7	34.7	34.8
≥ 18000	5.4	21.3	25.9	28.8	31.0	31.8	33.1	33.9	34.0	34.5	34.6	34.6	34.7	34.7	34.8	34.9
≥ 16000	5.4	21.5	26.1	29.0	31.2	32.0	33.3	34.2	34.3	34.7	34.9	34.9	35.0	35.0	35.1	35.1
≥ 14000	5.6	22.4	27.1	30.1	32.4	33.2	34.5	35.5	35.6	36.0	36.2	36.2	36.3	36.3	36.4	36.4
≥ 12000	5.7	23.1	28.1	31.5	34.0	34.8	36.3	37.2	37.4	37.9	38.0	38.0	38.2	38.2	38.3	38.3
≥ 10000	5.8	24.3	29.5	33.2	35.9	36.7	38.3	39.3	39.4	39.9	40.1	40.1	40.2	40.2	40.3	40.4
≥ 9000	5.9	24.8	30.2	34.1	36.8	37.6	39.2	40.2	40.4	40.9	41.1	41.1	41.3	41.3	41.3	41.4
≥ 8000	6.2	26.4	32.1	36.3	39.3	40.1	41.9	43.0	43.1	43.7	43.9	43.9	44.0	44.0	44.1	44.1
≥ 7000	6.4	27.0	32.9	37.0	40.2	41.0	42.9	44.0	44.1	44.8	44.9	44.9	45.1	45.1	45.2	45.2
≥ 6000	7.1	28.5	34.5	38.8	42.3	43.2	45.1	46.2	46.3	47.0	47.1	47.1	47.3	47.3	47.4	47.4
≥ 5000	9.6	33.5	40.0	44.8	48.4	49.3	51.5	52.6	52.7	53.4	53.6	53.6	53.8	53.8	53.8	53.9
≥ 4500	11.7	38.5	45.4	50.9	54.6	55.6	57.9	59.0	59.2	59.9	60.0	60.0	60.2	60.2	60.3	60.3
≥ 4000	17.2	49.9	57.8	63.9	68.0	68.9	71.4	72.8	72.9	73.7	73.9	73.9	74.0	74.0	74.1	74.1
≥ 3500	20.9	58.8	68.1	74.8	79.7	80.6	83.3	84.7	84.8	85.6	85.9	85.9	86.0	86.0	86.1	86.1
≥ 3000	22.2	63.5	73.7	81.0	86.4	87.6	90.9	92.3	92.5	93.3	93.7	93.7	93.9	93.9	94.0	94.1
≥ 2500	22.8	65.1	75.6	83.4	89.1	90.3	93.6	95.1	95.3	96.2	96.5	96.5	96.8	96.8	96.8	96.9
≥ 2000	22.8	65.6	76.6	84.6	90.5	91.9	95.4	97.0	97.2	98.0	98.4	98.5	98.8	98.8	98.8	98.9
≥ 1800	22.8	65.7	76.7	84.6	90.7	92.0	95.5	97.1	97.3	98.1	98.5	98.6	98.9	98.9	98.9	99.0
≥ 1500	22.8	65.7	76.7	84.6	90.8	92.1	95.8	97.3	97.5	98.4	98.8	98.9	99.2	99.2	99.2	99.3
≥ 1200	22.8	65.7	76.7	84.7	90.8	92.1	95.8	97.5	97.6	98.5	98.9	99.0	99.3	99.3	99.3	99.4
≥ 1000	22.8	65.7	76.7	84.7	90.9	92.2	95.9	97.5	97.7	98.7	99.1	99.2	99.4	99.4	99.5	99.5
≥ 900	22.8	65.7	76.7	84.7	90.9	92.2	95.9	97.5	97.7	98.7	99.1	99.2	99.4	99.4	99.5	99.5
≥ 800	22.8	65.7	76.7	84.7	90.9	92.2	95.9	97.6	97.8	98.8	99.3	99.4	99.7	99.7	99.7	99.8
≥ 700	22.8	65.7	76.7	84.7	90.9	92.2	95.9	97.6	97.8	98.8	99.3	99.4	99.7	99.7	99.7	99.8
≥ 600	22.8	65.7	76.7	84.7	90.9	92.2	95.9	97.6	97.8	98.8	99.3	99.4	99.7	99.7	99.7	99.8
≥ 500	22.8	65.7	76.7	84.7	91.1	92.4	96.0	97.7	97.9	98.9	99.4	99.5	99.8	99.8	99.8	99.9
≥ 400	22.8	65.7	76.8	84.8	91.1	92.5	96.2	97.8	98.0	99.0	99.5	99.6	99.9	99.9	99.9	100.0
≥ 300	22.8	65.7	76.8	84.8	91.1	92.5	96.2	97.8	98.0	99.0	99.5	99.6	99.9	99.9	99.9	100.0
≥ 200	22.8	65.7	76.8	84.8	91.1	92.5	96.2	97.8	98.0	99.0	99.5	99.6	99.9	99.9	99.9	100.0
≥ 100	22.8	65.7	76.8	84.8	91.1	92.5	96.2	97.8	98.0	99.0	99.5	99.6	99.9	99.9	99.9	100.0
≥ 0	22.8	65.7	76.8	84.8	91.1	92.5	96.2	97.8	98.0	99.0	99.5	99.6	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 1767



DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

## CEILING VERSUS VISIBILITY

43310  
STATION

FUKUOKA KYUSHU JAPAN/ITAZUKA AB  
STATION NAME

46-64  
YEARS

DEC  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0900-1100  
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	7.3	18.0	20.1	22.0	23.1	24.0	24.7	25.5	25.6	25.9	26.0	26.0	26.0	26.0	26.0	26.0
≥ 20000	8.2	21.8	24.9	27.4	28.9	30.1	31.3	32.2	32.4	32.8	32.9	32.9	32.9	32.9	32.9	32.9
≥ 18000	8.3	22.0	25.1	27.7	29.1	30.4	31.6	32.5	32.7	33.1	33.2	33.2	33.2	33.2	33.2	33.2
≥ 16000	8.4	22.3	25.5	28.1	29.5	30.8	32.1	33.0	33.2	33.6	33.7	33.7	33.7	33.7	33.7	33.7
≥ 14000	8.9	23.1	26.5	29.3	30.9	32.1	33.5	34.4	34.6	35.0	35.2	35.2	35.2	35.2	35.2	35.2
≥ 12000	9.3	24.1	27.7	30.7	32.3	33.6	35.0	35.9	36.1	36.4	36.7	36.7	36.7	36.7	36.7	36.7
≥ 10000	9.9	26.4	30.1	33.3	35.1	36.5	37.9	38.9	39.2	39.6	40.0	40.0	40.0	40.0	40.0	40.0
≥ 9000	10.2	27.2	31.1	34.5	36.5	37.9	39.4	40.6	40.9	41.2	41.6	41.6	41.6	41.6	41.6	41.6
≥ 8000	10.6	28.2	32.3	35.9	38.4	39.8	41.4	42.7	43.0	43.4	43.8	43.8	43.8	43.8	43.8	43.8
≥ 7000	11.2	29.3	33.5	37.3	39.8	41.3	42.9	44.3	44.5	44.9	45.4	45.4	45.4	45.4	45.4	45.4
≥ 6000	11.7	30.3	34.7	38.7	41.3	42.9	44.6	46.0	46.3	46.7	47.1	47.1	47.1	47.1	47.1	47.1
≥ 5000	13.6	33.7	38.4	42.4	45.3	46.9	48.9	50.3	50.7	51.0	51.5	51.5	51.6	51.6	51.6	51.6
≥ 4500	16.0	38.2	43.5	48.0	51.1	53.0	55.0	56.5	56.9	57.3	57.8	57.8	57.8	57.8	57.8	57.8
≥ 4000	22.8	50.2	56.4	61.5	65.1	67.2	69.5	71.3	71.6	72.0	72.5	72.5	72.6	72.6	72.6	72.6
≥ 3500	28.3	59.4	66.5	72.1	76.2	78.7	81.1	82.9	83.2	83.9	84.3	84.3	84.4	84.4	84.4	84.4
≥ 3000	31.1	63.9	72.0	78.7	83.5	86.2	89.2	91.3	91.6	92.4	92.9	92.9	93.0	93.0	93.0	93.0
≥ 2500	31.9	66.2	74.8	81.7	86.9	89.6	92.8	95.1	95.5	96.3	97.1	97.1	97.2	97.2	97.3	97.3
≥ 2000	32.0	66.5	75.4	82.4	87.8	90.8	94.2	96.5	96.9	97.8	98.5	98.5	98.6	98.8	98.8	98.8
≥ 1800	32.0	66.5	75.5	82.5	87.9	90.8	94.2	96.6	96.9	97.8	98.6	98.6	98.7	98.8	98.9	98.9
≥ 1500	32.0	66.5	75.5	82.5	87.9	90.9	94.3	96.8	97.1	98.1	98.8	98.9	99.0	99.2	99.2	99.2
≥ 1200	32.0	66.5	75.7	82.7	88.2	91.1	94.6	97.2	97.6	98.5	99.3	99.3	99.5	99.6	99.7	99.7
≥ 1000	32.0	66.5	75.7	82.7	88.3	91.2	94.7	97.5	97.8	98.8	99.5	99.5	99.7	99.8	99.9	99.9
≥ 900	32.0	66.5	75.7	82.7	88.3	91.2	94.7	97.5	97.8	98.8	99.5	99.5	99.7	99.8	99.9	99.9
≥ 800	32.0	66.5	75.7	82.7	88.3	91.3	94.7	97.5	97.8	98.8	99.5	99.5	99.7	99.8	99.9	99.9
≥ 700	32.0	66.5	75.7	82.7	88.3	91.3	94.7	97.5	97.8	98.9	99.6	99.7	99.8	99.9	100.0	100.0
≥ 600	32.0	66.5	75.7	82.7	88.3	91.3	94.7	97.5	97.8	98.9	99.6	99.7	99.8	99.9	100.0	100.0
≥ 500	32.0	66.5	75.7	82.7	88.3	91.3	94.7	97.5	97.8	98.9	99.6	99.7	99.8	99.9	100.0	100.0
≥ 400	32.0	66.5	75.7	82.7	88.3	91.3	94.7	97.5	97.8	98.9	99.6	99.7	99.8	99.9	100.0	100.0
≥ 300	32.0	66.5	75.7	82.7	88.3	91.3	94.7	97.5	97.8	98.9	99.6	99.7	99.8	99.9	100.0	100.0
≥ 200	32.0	66.5	75.7	82.7	88.3	91.3	94.7	97.5	97.8	98.9	99.6	99.7	99.8	99.9	100.0	100.0
≥ 100	32.0	66.5	75.7	82.7	88.3	91.3	94.7	97.5	97.8	98.9	99.6	99.7	99.8	99.9	100.0	100.0
≥ 0	32.0	66.5	75.7	82.7	88.3	91.3	94.7	97.5	97.8	98.9	99.6	99.7	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1767

DATA PROCESSING DIVISION  
ETAC, USAF  
ASPEVILLE, N. C. 28801

## CEILING VERSUS VISIBILITY

43310  
STATION

FUKUOKA KYUSHU JAPAN/ITAZUKE AB  
STATION NAME

46-64  
YEARS

DEC  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1200-1400  
HOURS (L & T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	16.9	23.6	24.2	24.3	24.4	24.5	24.5	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6
IV 20000	20.5	29.5	30.4	30.7	31.0	31.1	31.1	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2
IV 18000	20.9	29.9	30.8	31.1	31.4	31.5	31.5	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6
IV 16000	20.9	30.3	31.2	31.5	31.7	31.8	31.8	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9
IV 14000	22.0	32.1	33.1	33.6	33.8	34.0	34.0	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1
IV 12000	23.0	34.3	35.4	36.0	36.3	36.4	36.4	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6
IV 10000	23.8	36.0	37.4	38.0	38.4	38.5	38.6	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9
IV 9000	24.6	37.4	38.8	39.4	39.9	40.1	40.1	40.4	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
IV 8000	25.5	39.3	41.0	41.9	42.6	42.8	42.8	43.2	43.2	43.3	43.3	43.3	43.4	43.4	43.4	43.4
IV 7000	26.0	40.4	42.3	43.3	44.0	44.3	44.3	44.7	44.7	44.8	44.8	44.8	44.8	44.8	44.9	44.9
IV 6000	26.6	41.8	43.9	45.2	46.2	46.4	46.6	46.9	47.0	47.0	47.0	47.0	47.1	47.1	47.1	47.1
IV 5000	28.2	44.5	47.1	48.6	49.7	50.0	50.3	50.8	50.8	50.9	50.9	50.9	50.9	50.9	51.0	51.0
IV 4500	31.9	49.6	52.3	54.0	55.2	55.5	55.8	56.3	56.3	56.4	56.4	56.4	56.4	56.4	56.5	56.5
IV 4000	45.0	65.6	68.8	70.8	72.3	72.7	73.2	74.0	74.1	74.3	74.3	74.3	74.3	74.3	74.4	74.4
IV 3500	51.3	75.3	78.9	81.2	82.9	83.3	83.8	84.7	84.8	85.0	85.0	85.0	85.1	85.1	85.1	85.1
IV 3000	55.9	82.1	86.2	88.9	91.0	91.7	92.4	93.2	93.3	93.7	93.7	93.7	93.7	93.8	93.8	93.8
IV 2500	56.9	84.2	88.6	91.6	93.8	94.6	95.2	96.3	96.5	96.9	96.9	96.9	96.9	97.0	97.1	97.1
IV 2000	57.0	84.9	89.4	92.5	94.7	95.5	96.3	97.4	97.6	98.0	98.0	98.0	98.1	98.1	98.2	98.2
IV 1800	57.2	85.1	89.6	92.6	95.0	95.8	96.6	97.7	97.8	98.3	98.3	98.3	98.4	98.4	98.5	98.5
IV 1500	57.3	85.2	89.7	92.8	95.1	96.0	96.9	98.1	98.2	98.8	98.8	98.8	98.9	98.9	99.0	99.0
IV 1200	57.3	85.2	89.8	92.9	95.3	96.2	97.1	98.4	98.6	99.3	99.3	99.3	99.4	99.4	99.5	99.5
IV 1000	57.3	85.2	89.9	93.0	95.4	96.3	97.2	98.5	98.7	99.4	99.4	99.4	99.5	99.5	99.6	99.6
IV 900	57.3	85.2	89.9	93.0	95.5	96.3	97.3	98.6	98.8	99.5	99.5	99.5	99.6	99.7	99.7	99.7
IV 800	57.3	85.2	89.9	93.0	95.5	96.4	97.5	98.8	98.9	99.7	99.7	99.7	99.7	99.7	99.8	99.8
IV 700	57.3	85.2	89.9	93.0	95.5	96.4	97.5	98.8	98.9	99.7	99.7	99.7	99.7	99.8	99.8	99.8
IV 600	57.3	85.2	89.9	93.0	95.5	96.4	97.5	98.8	98.9	99.7	99.7	99.7	99.8	99.8	99.9	99.9
IV 500	57.3	85.2	89.9	93.0	95.5	96.4	97.5	98.8	98.9	99.7	99.7	99.7	99.8	99.9	99.9	99.9
IV 400	57.3	85.2	89.9	93.0	95.5	96.4	97.5	98.8	98.9	99.7	99.7	99.7	99.8	99.9	99.9	99.9
IV 300	57.3	85.2	89.9	93.0	95.5	96.4	97.5	98.8	98.9	99.7	99.7	99.7	99.8	99.9	99.9	99.9
IV 200	57.3	85.2	89.9	93.0	95.5	96.4	97.5	98.8	98.9	99.7	99.7	99.7	99.8	99.9	99.9	100.0
IV 100	57.3	85.2	89.9	93.0	95.5	96.4	97.5	98.8	98.9	99.7	99.7	99.7	99.8	99.9	99.9	100.0
IV 0	57.3	85.2	89.9	93.0	95.5	96.4	97.5	98.8	98.9	99.7	99.7	99.7	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 1767

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

## CEILING VERSUS VISIBILITY

43310 FUKUOKA KYUSHU JAPAN/ITAZUKE AB

46-64

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1500-1700  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	19.5	26.4	27.2	27.6	27.8	27.9	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1
≥ 20000	23.7	34.6	35.8	36.4	36.7	36.9	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
≥ 18000	24.1	35.3	36.4	37.1	37.5	37.6	37.8	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9
≥ 16000	24.8	36.4	37.6	38.3	38.6	38.8	38.9	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
≥ 14000	25.5	37.7	39.0	39.7	40.2	40.4	40.6	40.6	40.6	40.7	40.7	40.7	40.7	40.7	40.7	40.7
≥ 12000	26.7	40.2	41.7	42.7	43.2	43.4	43.6	43.7	43.7	43.9	43.9	43.9	43.9	43.9	43.9	43.9
≥ 10000	27.4	41.8	43.8	44.8	45.7	46.0	46.3	46.5	46.5	46.8	46.8	46.8	46.8	46.8	46.8	46.8
≥ 9000	27.6	42.8	44.9	46.0	47.0	47.3	47.7	47.8	47.8	48.1	48.1	48.1	48.1	48.1	48.1	48.1
≥ 8000	27.9	43.9	46.2	47.7	48.8	49.0	49.4	49.7	49.8	50.2	50.2	50.2	50.2	50.2	50.2	50.2
≥ 7000	28.2	44.5	47.0	48.6	49.8	50.0	50.5	50.9	50.9	51.4	51.4	51.4	51.4	51.4	51.4	51.4
≥ 6000	28.6	45.3	48.0	49.9	51.3	51.6	52.1	52.5	52.6	53.0	53.1	53.1	53.1	53.1	53.1	53.1
≥ 5000	30.2	48.2	51.4	53.4	55.0	55.3	55.9	56.4	56.5	57.0	57.0	57.0	57.1	57.1	57.1	57.1
≥ 4500	33.5	52.4	55.9	58.1	59.7	60.2	60.8	61.3	61.3	61.9	61.9	61.9	62.0	62.0	62.0	62.0
≥ 4000	44.7	66.1	69.8	72.3	74.1	74.7	75.3	75.9	76.0	76.6	76.6	76.7	76.8	76.8	76.8	76.8
≥ 3500	51.2	75.5	79.6	82.2	84.1	84.8	85.6	86.2	86.2	86.8	86.9	86.9	87.0	87.0	87.0	87.0
≥ 3000	53.5	80.2	84.7	88.0	90.1	91.0	92.0	92.7	92.8	93.3	93.4	93.5	93.7	93.7	93.7	93.7
≥ 2500	54.1	81.4	86.1	89.6	92.1	93.2	94.2	95.0	95.0	95.6	95.8	95.8	96.0	96.0	96.0	96.0
≥ 2000	54.3	82.1	87.1	91.0	93.7	95.0	96.1	96.9	97.0	97.6	97.7	97.8	98.0	98.0	98.0	98.0
≥ 1800	54.4	82.3	87.3	91.2	94.0	95.3	96.4	97.2	97.3	98.0	98.1	98.2	98.4	98.4	98.4	98.4
≥ 1500	54.4	82.3	87.4	91.3	94.3	95.6	96.8	97.6	97.7	98.4	98.5	98.6	98.8	98.8	98.8	98.8
≥ 1200	54.4	82.3	87.4	91.5	94.5	95.8	96.9	97.8	98.0	98.6	98.8	98.9	99.1	99.1	99.1	99.1
≥ 1000	54.4	82.4	87.5	91.6	94.6	96.0	97.2	98.1	98.4	99.0	99.2	99.3	99.5	99.5	99.5	99.5
≥ 900	54.4	82.4	87.5	91.6	94.6	96.0	97.2	98.2	98.5	99.2	99.4	99.5	99.7	99.7	99.7	99.7
≥ 800	54.4	82.4	87.5	91.6	94.7	96.1	97.3	98.4	98.6	99.3	99.5	99.6	99.8	99.8	99.8	99.8
≥ 700	54.4	82.4	87.5	91.6	94.7	96.1	97.3	98.4	98.6	99.4	99.5	99.7	99.8	99.8	99.8	99.8
≥ 600	54.4	82.4	87.5	91.6	94.7	96.2	97.4	98.5	98.7	99.4	99.6	99.7	99.9	99.9	99.9	99.9
≥ 500	54.4	82.4	87.5	91.7	94.7	96.2	97.5	98.5	98.8	99.5	99.7	99.8	99.9	99.9	99.9	99.9
≥ 400	54.4	82.4	87.5	91.7	94.7	96.2	97.5	98.5	98.8	99.5	99.7	99.8	99.9	99.9	99.9	99.9
≥ 300	54.4	82.4	87.5	91.7	94.7	96.2	97.5	98.5	98.8	99.5	99.7	99.8	99.9	99.9	99.9	99.9
≥ 200	54.4	82.4	87.5	91.7	94.7	96.2	97.5	98.5	98.8	99.5	99.7	99.8	99.9	99.9	99.9	99.9
≥ 100	54.4	82.4	87.5	91.7	94.7	96.2	97.5	98.5	98.8	99.5	99.7	99.8	99.9	99.9	99.9	99.9
≥ 0	54.4	82.4	87.5	91.7	94.7	96.2	97.5	98.5	98.8	99.5	99.7	99.8	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1767

1210WS FORM 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

## CEILING VERSUS VISIBILITY

4331C  
STATION

FUKUOKA KYUSHU JAPAN/ITAZUKE AB  
STATION NAME

46-64  
YEARS

DEC  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

1800-2000  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	4.6	18.2	23.0	27.2	30.6	33.0	35.0	36.0	36.0	36.3	36.3	36.3	36.3	36.3	36.3	36.3
≥ 20000	5.2	20.9	26.0	31.0	35.1	38.3	40.7	41.8	41.9	42.2	42.2	42.2	42.2	42.3	42.3	42.3
≥ 18000	5.3	21.2	26.4	31.5	35.6	38.9	41.4	42.4	42.5	42.8	42.8	42.8	42.8	42.9	42.9	42.9
≥ 16000	5.4	21.4	26.7	31.7	35.9	39.2	41.7	42.8	42.8	43.2	43.2	43.2	43.2	43.2	43.2	43.2
≥ 14000	5.4	21.8	27.3	32.5	36.8	40.1	42.7	43.9	43.9	44.3	44.3	44.3	44.3	44.3	44.3	44.3
≥ 12000	5.4	22.5	28.7	34.2	38.7	42.2	44.9	46.2	46.2	46.7	46.7	46.7	46.7	46.7	46.7	46.7
≥ 10000	5.4	22.8	29.4	35.7	40.6	44.5	47.7	49.2	49.3	49.8	49.8	49.8	49.8	49.9	49.9	49.9
≥ 9000	5.4	23.0	29.6	36.0	41.0	45.0	48.4	50.0	50.1	50.6	50.8	50.8	50.8	50.8	50.8	50.8
≥ 8000	5.5	23.4	30.5	37.2	42.5	46.6	50.2	52.0	52.0	52.6	52.8	52.8	52.8	52.9	52.9	52.9
≥ 7000	5.5	23.7	31.1	38.4	43.9	48.3	51.9	53.8	53.8	54.5	54.8	54.8	54.8	54.9	55.0	55.0
≥ 6000	5.5	24.1	31.7	39.4	45.5	50.0	53.7	55.7	55.7	56.5	56.8	56.8	56.8	56.9	56.9	56.9
≥ 5000	6.5	27.6	35.4	43.5	50.0	54.7	58.6	60.7	60.8	61.6	61.9	61.9	62.0	62.0	62.1	62.1
≥ 4500	7.6	30.9	39.1	47.7	54.4	59.1	63.2	65.3	65.4	66.4	66.8	66.8	66.8	66.9	66.9	66.9
≥ 4000	11.5	40.3	49.2	58.6	65.5	70.9	75.3	77.6	77.7	78.7	79.1	79.1	79.2	79.3	79.3	79.3
≥ 3500	13.1	46.0	55.6	65.9	73.3	79.0	83.6	86.1	86.2	87.2	87.5	87.6	87.9	87.9	88.0	88.0
≥ 3000	13.8	49.7	60.0	70.8	78.9	84.7	89.6	92.1	92.2	93.2	93.5	93.6	93.9	93.9	94.0	94.0
≥ 2500	14.0	50.7	61.1	72.2	80.8	86.7	91.9	94.5	94.6	95.5	96.1	96.2	96.4	96.5	96.5	96.5
≥ 2000	14.0	51.4	62.0	73.1	82.1	88.0	93.4	96.0	96.2	97.1	97.7	98.0	98.1	98.1	98.1	98.1
≥ 1800	14.0	51.5	62.1	73.4	82.5	88.4	93.8	96.4	96.5	97.5	98.1	98.1	98.4	98.5	98.5	98.5
≥ 1500	14.0	51.6	62.3	73.5	82.7	88.6	94.2	96.8	96.9	98.0	98.5	98.6	98.9	98.9	99.0	99.0
≥ 1200	14.0	51.6	62.4	73.6	82.9	88.9	94.4	97.0	97.1	98.2	98.8	98.8	99.1	99.2	99.2	99.2
≥ 1000	14.0	51.6	62.4	73.6	82.9	88.9	94.6	97.2	97.3	98.4	99.1	99.2	99.4	99.5	99.5	99.5
≥ 900	14.0	51.6	62.4	73.7	83.0	89.0	94.6	97.3	97.4	98.5	99.2	99.2	99.5	99.5	99.6	99.6
≥ 800	14.0	51.6	62.4	73.7	83.0	89.0	94.7	97.3	97.5	98.5	99.2	99.3	99.5	99.6	99.7	99.7
≥ 700	14.0	51.6	62.4	73.7	83.0	89.0	94.7	97.4	97.5	98.6	99.3	99.3	99.6	99.7	99.7	99.7
≥ 600	14.0	51.6	62.4	73.7	83.1	89.1	94.7	97.5	97.6	98.6	99.3	99.4	99.7	99.7	99.8	99.8
≥ 500	14.0	51.6	62.4	73.7	83.1	89.1	94.7	97.5	97.6	98.6	99.4	99.5	99.8	99.8	99.9	99.9
≥ 400	14.0	51.6	62.4	73.7	83.1	89.1	94.7	97.5	97.6	98.6	99.4	99.5	99.8	99.8	99.9	99.9
≥ 300	14.0	51.6	62.4	73.7	83.1	89.1	94.7	97.5	97.6	98.6	99.4	99.5	99.8	99.8	99.9	99.9
≥ 200	14.0	51.6	62.4	73.7	83.1	89.1	94.7	97.5	97.6	98.6	99.4	99.5	99.8	99.8	99.9	99.9
≥ 100	14.0	51.6	62.4	73.7	83.1	89.1	94.7	97.5	97.6	98.6	99.4	99.5	99.8	99.8	99.9	99.9
≥ 0	14.0	51.6	62.4	73.7	83.1	89.1	94.7	97.5	97.6	98.6	99.4	99.5	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 1767

1210WS FORM 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUL 64

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

## CEILING VERSUS VISIBILITY

43310  
STATION

FUKUOKA KYUSHU JAPAN/ITAZUKE AB  
STATION NAME

46-64  
YEARS

DEC  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

2100-2300  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	5.4	23.7	29.0	35.0	38.2	39.3	40.0	40.0	40.0	40.0	40.2	40.2	40.2	40.2	40.3	40.3
≥ 20000	5.8	25.8	31.5	38.0	42.7	44.1	44.8	44.9	44.9	44.9	45.2	45.2	45.2	45.2	45.3	45.3
≥ 18000	5.8	26.0	31.6	38.3	42.9	44.4	45.1	45.2	45.2	45.2	45.4	45.4	45.5	45.5	45.6	45.6
≥ 16000	5.8	26.1	31.8	38.4	43.1	44.6	45.3	45.4	45.4	45.4	45.7	45.7	45.7	45.7	45.8	45.8
≥ 14000	5.9	26.4	32.3	39.0	43.7	45.3	46.1	46.3	46.3	46.3	46.5	46.5	46.6	46.6	46.6	46.6
≥ 12000	6.0	27.0	33.2	40.0	44.9	46.6	47.4	47.6	47.6	47.6	47.8	47.8	47.9	47.9	47.9	47.9
≥ 10000	6.1	28.1	34.5	41.7	47.0	48.7	49.5	49.8	49.8	49.8	50.0	50.0	50.1	50.1	50.1	50.1
≥ 9000	6.3	28.6	35.1	42.4	47.9	49.7	50.6	50.9	50.9	50.9	51.2	51.2	51.3	51.3	51.3	51.3
≥ 8000	6.5	29.3	36.2	43.8	49.7	51.5	52.4	53.0	53.0	53.0	53.4	53.4	53.4	53.4	53.5	53.5
≥ 7000	6.5	29.8	37.0	44.8	50.7	52.6	53.7	54.2	54.2	54.2	54.6	54.6	54.7	54.7	54.7	54.7
≥ 6000	6.7	30.7	38.1	46.1	52.6	54.4	55.6	56.3	56.3	56.3	56.7	56.7	56.8	56.8	56.8	56.8
≥ 5000	7.8	35.0	43.0	51.3	58.3	60.2	61.5	62.3	62.3	62.3	62.6	62.6	62.7	62.7	62.8	62.8
≥ 4500	9.8	39.2	47.8	56.2	63.5	65.5	66.8	67.7	67.7	67.8	68.2	68.2	68.3	68.3	68.3	68.3
≥ 4000	15.0	50.3	59.5	68.5	76.3	78.7	80.3	81.2	81.3	81.4	81.8	81.8	81.9	81.9	81.9	81.9
≥ 3500	15.4	54.8	64.9	74.4	82.4	84.8	86.4	87.3	87.4	87.5	88.1	88.1	88.2	88.2	88.2	88.2
≥ 3000	15.7	57.9	68.8	78.9	87.7	90.3	91.9	92.9	93.0	93.2	93.7	93.7	93.8	93.8	93.9	93.9
≥ 2500	15.8	59.1	70.3	80.8	90.0	92.8	94.5	95.5	95.6	95.9	96.4	96.4	96.5	96.5	96.6	96.6
≥ 2000	15.8	59.6	70.9	81.6	90.9	93.7	95.7	96.8	96.8	97.1	97.7	97.7	97.8	97.8	97.9	97.9
≥ 1800	15.8	59.8	71.1	81.9	91.2	94.0	96.1	97.2	97.2	97.5	98.1	98.1	98.2	98.2	98.3	98.3
≥ 1500	15.8	59.9	71.3	82.1	91.4	94.3	96.4	97.7	97.7	98.1	98.7	98.7	98.8	98.8	98.9	98.9
≥ 1200	15.8	60.0	71.4	82.5	91.9	94.8	96.9	98.2	98.2	98.6	99.2	99.2	99.3	99.3	99.4	99.4
≥ 1000	16.0	60.1	71.5	82.6	92.0	94.9	97.1	98.3	98.4	98.8	99.4	99.4	99.5	99.5	99.6	99.6
≥ 900	16.0	60.2	71.6	82.6	92.1	95.0	97.1	98.4	98.5	98.9	99.4	99.4	99.5	99.5	99.7	99.7
≥ 800	16.0	60.2	71.6	82.6	92.1	95.0	97.1	98.4	98.5	98.9	99.4	99.4	99.5	99.5	99.7	99.7
≥ 700	16.0	60.2	71.6	82.6	92.1	95.0	97.2	98.4	98.5	98.9	99.5	99.5	99.6	99.6	99.7	99.7
≥ 600	16.0	60.2	71.6	82.6	92.1	95.0	97.2	98.5	98.6	99.0	99.6	99.6	99.7	99.7	99.8	99.8
≥ 500	16.0	60.2	71.6	82.6	92.1	95.0	97.2	98.5	98.6	99.0	99.6	99.6	99.7	99.7	99.8	99.8
≥ 400	16.0	60.2	71.6	82.6	92.1	95.0	97.2	98.6	98.7	99.1	99.7	99.7	99.8	99.8	99.9	99.9
≥ 300	16.0	60.2	71.6	82.6	92.1	95.0	97.2	98.6	98.8	99.2	99.7	99.7	99.8	99.8	99.9	99.9
≥ 200	16.0	60.2	71.6	82.6	92.1	95.0	97.2	98.6	98.8	99.2	99.7	99.7	99.9	99.9	100.0	100.0
≥ 100	16.0	60.2	71.6	82.6	92.1	95.0	97.2	98.6	98.8	99.2	99.7	99.7	99.9	99.9	100.0	100.0
≥ 0	16.0	60.2	71.6	82.6	92.1	95.0	97.2	98.6	98.8	99.2	99.7	99.7	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1767

## PART D

## SKY COVER

This summary is prepared from hourly observations and is a percentage frequency distribution of total sky cover by tenths, plus mean sky cover, and total number of observations. It is presented in two tables as follows:

1. By month and annual - all hours and all years combined.
2. By month - by standard 3-hour groups.

NOTE: # 1: Sky cover (total cloud amount) was not reported by U. S. Services until mid 1945. Data, when available, were punched for Air Force stations beginning in 1946, but were not available for Navy stations until 1948 or 1949. Weather Bureau stations recorded total cloud amount in remarks beginning some time in 1945, but few stations have punched data prior to 1948. This summary will, of course, be limited to period of available data.

NOTE: # 2: Some sources of punched data used for this summary report cloud amounts in oktas. These have been converted to tenths prior to summarizing, and notation is made on the form to indicate that data were originally reported in oktas. The manner of conversion is given below:

<u>OKTAS</u>	<u>TENTHS</u>
0	0
1	1
2	3
3	4
4	5
5	6
6	8
7	9
8 (or obscured)	10

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N.C. 28801

# SKY COVER

43310 FUKUOKA KYUSHU JAPAN/ITAZUKE AB 46-64 ALL  
STATION NAME PERIOD MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JAN	ALL	6.5	3.3	3.3	3.5	3.6	3.2	4.7	5.5	8.1	9.5	48.8	7.6	13390
FEB		8.9	4.1	4.1	3.6	3.5	3.3	4.2	5.4	7.2	8.0	47.7	7.2	11543
MAR		12.9	4.4	4.5	4.1	4.1	3.5	3.7	4.8	6.5	6.4	45.2	6.8	12648
APR		14.5	4.4	4.0	4.2	3.1	2.6	3.0	3.6	5.2	5.0	50.4	6.8	12237
MAY		12.3	3.4	3.7	3.6	3.1	2.0	2.7	3.9	5.7	5.3	54.1	7.2	13387
JUN		5.3	2.8	3.1	3.0	2.8	2.8	2.6	4.1	6.8	6.8	59.9	8.0	12756
JUL		5.3	3.0	4.5	4.3	4.2	3.3	3.3	5.3	8.5	9.2	48.9	7.6	13380
AUG		9.7	5.4	6.1	6.7	5.7	4.9	4.1	7.0	10.1	8.5	31.8	6.3	13372
SEP		11.2	4.9	4.9	5.1	4.2	3.6	3.5	5.3	7.1	7.7	42.4	6.7	13522
OCT		18.9	6.0	6.5	5.9	4.9	4.3	3.7	5.1	7.0	6.3	31.4	5.6	14131
NOV		20.0	5.9	5.9	5.4	5.0	4.3	4.5	5.1	7.0	6.1	30.9	5.6	13679
DEC		11.1	3.9	4.7	4.5	4.5	4.0	5.0	6.4	8.1	8.6	39.2	6.7	14132
TOTALS		11.5	4.3	4.6	4.5	4.1	3.5	3.8	5.2	7.3	7.3	44.0	6.8	158377

## SKY COVER

JAN

**MONTH**

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JAN	00-02	11.4	3.6	3.8	4.2	3.8	3.4	4.9	5.5	7.0	6.6	46.1	7.0	1674
	03-05	16.0	3.8	2.6	3.6	2.9	2.6	5.0	5.1	7.7	7.5	49.3	7.3	1674
	06-08	5.6	2.3	2.8	3.4	3.0	2.9	4.4	5.3	9.0	9.7	51.7	7.8	1674
	09-11	2.5	2.5	2.1	3.1	3.4	3.1	5.1	5.3	9.4	13.9	49.6	8.1	1674
	12-14	1.9	2.3	2.9	3.3	4.2	4.9	3.7	6.8	8.3	11.1	50.7	8.0	1674
	15-17	3.1	3.9	3.6	2.8	3.2	3.5	4.7	5.1	7.9	11.8	50.3	7.9	1673
	18-20	6.6	4.4	4.2	3.3	3.9	2.7	4.3	5.4	8.5	9.1	47.6	7.4	1674
	21-23	11.0	3.5	4.1	4.4	4.1	3.0	5.8	5.7	7.2	6.2	45.1	7.0	1673
TOTALS		6.5	3.3	3.3	3.5	3.6	3.2	4.7	5.5	8.1	9.5	48.8	7.6	13390



## SKY COVER

4331C  
STATIC

FUKUOKA KYUSHU JAPAN/I IAZUKI: AB

48-64

1-13  
MONTH

STATION NAME

**PERIOD**

**MONTH**

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
FEB	00-02	14.2	5.5	4.1	3.9	3.4	2.9	3.1	5.3	6.4	6.8	44.4	6.7	1443
	03-05	11.3	4.0	3.5	3.5	3.5	3.2	4.9	5.1	6.4	6.2	48.6	7.1	1443
	06-08	6.9	2.8	4.1	2.7	3.3	3.7	4.4	4.9	7.8	8.1	51.2	7.6	1442
	09-11	5.0	3.5	2.6	2.8	2.8	2.9	5.1	4.6	8.7	11.2	50.9	7.8	1443
	12-14	5.5	3.3	3.0	3.3	3.4	4.1	3.7	6.4	7.9	10.1	49.3	7.7	1443
	15-17	6.6	4.0	4.8	3.1	3.9	2.5	4.2	7.3	7.8	7.6	47.4	7.3	1443
	18-20	8.5	5.1	4.7	4.3	4.9	3.3	4.2	5.2	7.1	7.7	45.0	7.1	1443
	21-23	13.4	4.5	5.8	4.2	3.2	3.7	4.4	4.7	5.2	6.0	44.9	6.0	1443
TOTALS		8.9	4.1	4.1	3.6	3.5	3.3	4.2	5.4	7.2	8.0	47.7	7.2	11543

## SKY COVER

43310

FUKUOKA KYUSHU JAPAN/ITAZUKI AB

48-64

MAR

STATION

STATION NAME

PERIOD

**MONTH**

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
MAR	00-02	19.7	4.4	4.4	4.0	3.6	2.9	2.8	3.2	5.6	4.1	45.3	6.3	1581
	03-05	17.3	3.3	4.6	3.3	4.0	2.5	3.4	4.7	4.8	3.8	48.3	6.6	1581
	06-08	10.1	3.4	3.7	3.7	4.5	3.5	4.6	4.4	7.5	6.6	48.1	7.2	1581
	09-11	10.0	3.6	3.3	4.0	4.0	4.0	4.7	5.9	5.8	8.9	45.8	7.1	1581
	12-14	8.2	5.6	3.5	4.6	4.2	4.8	3.5	5.2	7.6	8.2	44.5	7.0	1581
	15-17	8.9	5.1	4.6	3.7	4.2	2.9	3.5	6.1	6.2	8.8	44.0	7.1	1581
	18-20	11.4	5.1	5.2	4.8	4.4	3.3	3.3	5.6	6.4	6.3	44.2	6.7	1581
	21-23	17.4	4.9	6.6	4.3	3.8	4.1	3.9	3.0	6.3	4.4	41.3	6.1	1581
TOTALS		12.9	4.4	4.5	4.1	4.1	3.5	3.7	4.8	6.5	6.4	45.2	6.8	12648

## SKY COVER

APR  
MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
APR	00-02	26.2	3.6	3.9	4.2	3.7	2.6	2.2	4.3	4.7	3.3	47.4	6.4	1529
	03-05	20.7	3.7	4.1	3.2	3.8	2.2	3.6	3.3	3.7	2.7	48.9	6.4	1530
	06-08	12.4	4.8	3.9	4.2	3.1	3.0	2.7	3.6	4.5	5.2	52.5	7.0	1530
	09-11	11.3	3.7	4.4	4.3	3.7	3.0	3.1	4.3	4.9	6.0	51.2	7.1	1529
	12-14	9.4	6.0	4.3	4.6	2.7	2.1	2.2	3.1	5.8	5.8	54.0	7.2	1529
	15-17	9.9	5.3	3.9	4.6	2.7	2.2	3.0	3.0	5.5	6.7	53.2	7.2	1530
	18-20	12.9	3.9	3.3	3.9	2.5	2.9	3.1	4.2	5.7	6.5	51.0	7.1	1530
	21-23	19.1	4.0	4.2	4.2	2.8	2.7	3.9	3.4	6.7	3.7	45.2	6.4	1530
TOTALS		14.5	4.4	4.0	4.2	3.1	2.6	3.0	3.6	5.2	5.0	50.4	6.5	12237

## SKY COVER

MAY

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
MAY	00-02	20.8	3.2	4.4	4.3	2.5	2.0	2.8	3.2	4.2	2.6	49.9	6.4	1674
	03-05	18.1	4.2	4.0	3.5	3.3	1.9	2.3	2.1	4.9	3.2	51.7	6.6	1674
	06-08	8.5	3.0	2.5	2.5	2.9	1.9	2.6	3.8	5.2	7.9	59.1	7.8	1673
	09-11	9.4	2.7	3.0	3.2	2.5	1.6	2.0	4.5	6.8	5.4	58.8	7.7	1674
	12-14	8.5	3.3	2.7	3.0	3.2	2.5	2.9	4.4	6.3	6.6	56.6	7.7	1674
	15-17	7.2	2.8	4.2	4.1	3.3	2.0	2.7	4.9	6.3	6.9	55.5	7.7	1673
	18-20	9.2	4.1	3.1	4.0	3.5	2.5	3.2	4.6	6.5	5.9	53.3	7.4	1671
	21-23	16.9	4.0	5.5	4.3	3.2	1.9	3.3	3.5	5.6	3.8	48.0	6.5	1674
TOTALS		12.3	3.4	3.7	3.6	3.1	2.0	2.7	3.9	5.7	5.3	54.1	7.2	13387

## SKY COVER

JUN  
MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JUN	00-02	10.7	3.2	3.8	4.0	3.8	2.4	3.3	4.0	5.4	3.8	55.6	7.3	1620
	03-05	9.3	3.0	3.0	3.0	2.5	2.0	3.3	4.4	5.9	3.5	60.0	7.7	1620
	06-08	3.6	2.5	2.3	2.7	2.5	2.0	2.2	3.8	6.4	8.6	63.4	8.4	1620
	09-11	3.3	2.7	2.0	2.6	2.4	3.0	2.6	3.4	7.0	7.4	63.7	8.4	1620
	12-14	2.4	3.2	3.4	2.5	3.0	2.8	1.5	4.0	7.3	9.5	60.4	8.3	1620
	15-17	2.0	3.1	3.3	3.7	2.5	3.9	1.8	4.1	8.0	8.2	59.5	8.2	1616
	18-20	3.7	2.1	2.9	2.3	2.2	2.8	3.0	4.9	8.0	7.5	60.6	8.3	1620
	21-23	7.0	2.7	4.0	3.5	3.6	3.3	3.2	4.3	6.6	5.6	56.3	7.7	1620
TOTALS		5.3	2.8	3.1	3.0	2.8	2.8	2.6	4.1	6.8	6.8	59.9	8.0	12956

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N.C. 28801

# SKY COVER

43310  
STATION

FUKUOKA KYUSHU JAPAN/ITAZUKA AB  
STATION NAME

47-64  
PERIOD

JUL  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JUL	00-02	13.5	4.0	5.9	4.2	4.4	3.6	4.4	5.6	6.6	6.4	41.3	6.5	1674
	03-05	11.7	3.2	4.6	4.6	3.8	4.1	2.9	4.7	8.2	6.2	46.0	6.9	1673
	06-08	4.3	3.0	4.1	3.6	2.9	2.9	2.2	4.5	6.8	11.7	52.0	7.9	1674
	09-11	2.1	3.8	4.2	3.9	3.5	2.8	2.9	4.7	9.9	11.1	51.3	7.9	1674
	12-14	.7	1.4	4.5	4.5	4.8	3.2	2.8	5.0	9.0	12.6	51.6	8.1	1672
	15-17	.5	2.2	3.6	3.9	3.9	2.6	3.3	6.6	9.3	10.6	53.5	8.2	1674
	18-20	1.0	2.2	2.9	4.0	4.1	3.7	3.9	5.6	9.0	9.7	53.8	8.2	1670
	21-23	8.9	4.5	6.2	6.1	6.1	3.7	4.2	5.9	7.2	5.2	42.1	6.7	1669
TOTALS		5.3	3.0	4.5	4.3	4.2	3.3	3.3	5.3	8.5	9.2	48.9	7.6	13380

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N.C. 28801

## SKY COVER

43310  
STATION

FUKUGKA KYUSHU JAPAN/ITAZUKE AB  
STATION NAME

47-64  
PERIOD

AUG  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
AUG	00-02	24.4	5.9	6.6	6.2	5.5	3.6	4.1	6.7	7.2	5.2	24.6	5.0	1674
	03-05	21.0	7.4	6.8	7.4	4.8	4.8	3.3	6.0	6.0	4.7	27.9	5.2	1673
	06-08	5.9	6.3	6.7	6.6	6.1	5.3	3.3	6.4	10.3	9.0	34.1	6.6	1674
	09-11	4.4	4.8	5.2	6.9	5.9	6.0	4.3	7.3	11.5	10.7	32.9	6.8	1674
	12-14	.7	3.5	5.1	6.7	7.3	6.2	4.8	6.9	12.0	11.7	35.2	7.2	1672
	15-17	1.4	4.0	6.0	5.9	5.9	4.4	3.3	6.8	12.8	11.9	37.5	7.3	1666
	18-20	3.4	5.0	4.1	6.1	5.0	5.2	4.7	7.7	12.1	10.7	35.6	7.1	1668
	21-23	16.7	5.9	8.7	7.5	5.4	3.5	4.8	7.8	8.6	4.3	26.8	5.4	1671
TOTALS		9.7	5.4	6.1	6.7	5.7	4.9	4.1	7.0	10.1	8.5	31.8	6.3	13372

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N.C. 28801

# SKY COVER

43310  
STATION

FUKUOKA KYUSHU JAPAN/ITAZUKE AB  
STATION NAME

46-64  
PERIOD

S-P  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
SEP	00-02	22.3	5.2	5.9	5.1	3.7	2.9	3.1	4.4	5.3	4.4	37.7	5.7	1688
	03-05	20.2	5.9	5.0	5.3	4.3	3.4	2.7	4.2	5.5	4.7	38.8	5.9	1689
	06-08	7.8	5.9	5.0	4.0	3.9	2.8	3.0	6.8	7.2	9.1	44.5	7.1	1688
	09-11	6.7	4.3	3.8	4.1	4.8	4.4	3.5	5.5	8.9	9.0	45.0	7.3	1692
	12-14	3.5	2.4	4.5	6.7	4.4	4.3	3.7	5.5	8.8	10.9	45.4	7.5	1691
	15-17	3.9	5.7	3.5	5.0	4.2	4.6	3.1	5.3	7.7	9.7	47.3	7.5	1691
	18-20	6.6	5.0	5.6	4.6	4.6	3.2	3.9	6.6	8.0	9.3	42.6	7.1	1691
	21-23	18.3	5.0	6.1	5.8	4.1	3.5	4.9	4.5	5.5	4.8	37.6	5.9	1692
TOTALS		11.2	4.9	4.9	5.1	4.2	3.6	3.5	5.3	7.1	7.7	42.4	6.7	15522



## SKY COVER

CC 1  
MON

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
U C T	00-02	33.4	4.5	5.3	4.6	3.6	3.6	2.4	3.8	3.6	4.0	31.2	4.8	1767
	03-05	30.7	5.0	5.2	5.6	4.2	3.3	3.5	4.6	5.4	4.0	29.7	4.9	1767
	06-08	13.8	6.1	5.2	4.8	5.0	4.0	4.6	7.0	8.8	8.4	32.3	6.2	1767
	09-11	10.2	7.0	6.3	5.4	4.6	6.1	3.9	6.5	9.8	8.5	31.7	6.3	1767
	12-14	7.3	5.2	6.9	6.7	6.9	6.0	4.2	5.7	9.2	9.9	32.2	6.5	1766
	15-17	9.5	6.7	8.0	8.2	6.7	4.8	3.9	5.4	7.3	6.9	32.5	6.0	1765
	18-20	16.2	7.8	8.9	6.7	5.3	2.9	3.7	5.0	7.5	5.0	31.0	5.5	1767
	21-23	29.9	5.9	5.9	5.8	3.0	4.0	3.1	3.5	4.4	3.5	30.8	4.9	1765
TOTALS		18.9	6.0	6.5	5.9	4.9	4.3	3.7	5.1	7.0	6.3	31.4	5.6	14131

## SKY COVER

NOV

**MONTH**

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
NOV	00-02	29.9	5.6	5.8	5.1	5.0	4.0	4.3	4.0	4.4	4.3	27.5	4.8	1710
	03-05	30.4	5.0	4.9	4.4	3.6	4.0	4.9	4.7	6.3	4.3	27.5	4.9	1710
	06-08	17.4	6.7	5.4	5.5	4.9	3.6	4.4	6.4	8.2	7.2	30.6	5.8	1710
	09-11	13.6	5.5	6.4	5.7	5.6	4.3	4.8	5.3	8.5	7.7	32.6	6.1	1709
	12-14	9.8	3.3	5.5	5.4	6.1	6.3	6.4	6.5	8.4	9.1	33.2	6.5	1710
	15-17	11.5	6.5	6.1	5.8	5.8	4.5	4.3	5.4	6.4	7.8	32.8	6.2	1710
	18-20	19.6	7.4	7.5	6.1	3.8	4.0	3.8	4.4	6.4	5.0	32.0	5.5	1710
	21-23	27.9	6.8	5.3	5.4	4.9	3.4	3.2	4.0	5.3	3.5	30.3	4.9	1710
TOTALS		20.0	5.9	5.9	5.4	5.0	4.3	4.5	5.1	7.0	6.1	30.9	5.6	13679

## SKY COVER

4331C

FUKUOKA KYUSHU JAPAN/ITAZUKE AB

46-64

CEC

STATION

STATION NAME

**PERIOD**

**MONTH**

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
DEC	00-02	10.3	4.0	4.8	5.7	4.2	3.6	5.2	5.3	7.3	5.5	36.0	6.0	1765
	03-05	16.6	3.3	6.1	3.7	3.7	3.7	5.4	6.0	7.5	7.0	37.0	6.3	1765
	06-08	9.5	3.6	4.8	3.7	4.1	4.2	4.2	7.3	8.3	9.5	41.0	7.0	1767
	09-11	6.2	3.8	3.6	4.2	4.8	3.6	4.6	6.4	7.6	12.9	42.3	7.3	1767
	12-14	4.5	3.4	3.6	4.4	4.2	4.0	5.0	7.7	8.9	10.8	43.5	7.5	1767
	15-17	6.2	4.4	4.0	4.8	5.1	4.1	4.7	7.4	9.3	10.6	39.4	7.1	1767
	18-20	11.3	5.1	5.8	4.6	5.2	4.0	5.4	5.7	9.2	6.8	37.0	6.5	1767
	21-23	16.5	3.7	5.0	5.0	4.5	4.8	5.4	5.2	6.6	5.7	37.5	6.2	1767
TOTALS		11.1	3.9	4.7	4.5	4.5	4.0	5.0	6.4	8.1	8.6	39.2	6.7	14132

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE (MATS)  
ASHEVILLE, NORTH CAROLINA

## PART E

## PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry-and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentation follows:

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviation, and total number of observations in three separate tables as follows:
  - a. Daily maximum temperature
  - b. Daily minimum temperature
  - c. Daily mean temperature
2. Extreme values - derived from daily observations with extreme value given for each year and month of record available. Extremes are provided for a month if all days for a month contain valid observations. All months for a year must have valid extremes before the ANNUAL value is selected for that year. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extreme temperatures are prepared:
  - a. Extreme maximum temperature
  - b. Extreme minimum temperature
3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from hourly observations and is presented by month and annual, all hours and all years combined. The following information is provided:
  - a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 1° classes spread horizontally; by 2-degree intervals of dry-bulb temperature vertically. Also provided for each dry-bulb temperature interval is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may require two pages in some cases.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.
  - b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares ( $\sum X^2$ ), sums of values ( $\sum X$ ), means ( $\bar{X}$ ), and standard deviations ( $\sigma_x$ ). The number of

observations used in the computations for each element is also shown.

- c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulations by month.

**NOTE:** Wet bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Record for all years available are combined. Tables are prepared for the following:
  - a. Dry-bulb temperature
  - b. Wet-bulb temperature
  - c. Dew-point temperature
5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.
  - a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
  - b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

## DAILY TEMPERATURES

43310 FUKUOKA KYUSHU JAPAN/ITAZUKE AB 46-64

STATION

STATION NAME

YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM DAILY OBSERVATIONS)

MAXIMUM

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
100							2.7	.6					.9
95						2.4	34.3	7.3	.6				.9
90						14.5	67.6	45.5	8.8	.2			7.5
85				.2	2.3	16.1	82.9	32.3	1.3				16.6
80				2.4	16.1	44.7	88.8	97.5	65.7	8.2			26.7
75			.8	10.8	45.2	78.0	98.1	100.0	92.5	33.0	2.6		38.2
70		.6	4.2	31.6	74.4	94.7	100.0		99.4	69.9	16.1	.4	49.3
65	.9	3.1	13.1	55.9	94.8	99.8			100.0	93.5	47.2	4.1	59.5
60	4.5	11.4	32.3	84.3	99.1	100.0				99.3	74.4	19.0	68.7
55	16.7	27.2	58.8	97.1	100.0					100.0	90.7	43.2	77.8
50	42.3	51.4	83.5	99.4							97.8	71.5	87.2
45	69.5	77.3	96.0	100.0							99.8	91.6	94.5
40	89.1	94.8	99.6								100.0	98.9	98.5
35	98.9	99.8	100.0									99.8	97.8
30	100.0	100.0										100.0	100.0
25													
20													
15													
10													
5													
0													
MEAN	48.1	50.2	56.3	66.0	73.6	78.8	86.6	88.7	81.9	72.3	63.3	53.4	68.2
SD	6.753	7.051	7.140	6.601	5.753	5.563	5.343	4.223	5.295	5.282	6.242	6.518	14.840
TOTAL OBS	558	481	527	510	558	510	527	527	533	558	540	558	6387

## DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM DAILY OBSERVATIONS)

### MINIMUM

[illegible]

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ETAC, USAF  
ASHEVILLE, N. C. 28801

## DAILY TEMPERATURES

43310 STATION FUKUOKA KYUSHU JAPAN/ITAZUKI AB 46-64 YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM DAILY OBSERVATIONS)

MEAN

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
90								.2					.0
85						.2	13.1	15.0	1.3				2.4
80						6.3	61.3	74.8	16.7	.4			13.1
75					1.4	24.9	89.2	98.1	48.0	2.2			21.8
70				2.2	13.3	61.4	98.9	100.0	78.4	10.9			30.1
65			.9	11.1	50.9	93.3	100.0		98.1	36.7	2.6		41.0
60		.8	4.0	32.5	86.9	100.0			100.0	73.8	16.3	1.3	51.3
55	2.3	4.0	13.9	66.5	98.6					95.0	49.1	5.4	61.3
50	8.6	14.1	35.3	89.4	100.0					99.6	79.3	23.7	70.9
45	26.2	33.3	68.5	99.4						100.0	96.1	55.9	81.7
40	63.4	67.6	94.7	100.0							99.6	88.4	92.8
35	92.8	97.3	99.8								100.0	99.3	99.0
30	99.8	100.0	100.0									100.0	99.9
25	100.0												100.0
20													
15													
10													
5													
0													
MEAN	41.0	42.9	48.0	57.0	64.6	71.4	80.3	81.4	74.1	62.9	54.1	45.7	60.2
SD	5.908	5.733	5.902	5.881	4.511	4.774	4.194	3.131	5.093	5.212	5.461	5.314	14.563
TOTAL OBS	558	481	527	510	558	510	527	527	533	558	540	558	6387



## EXTREME VALUES

<u>43310</u>	<u>FUKUOKA KYUSHU JAPAN/ITAZUKE AB</u>	<u>46-64</u>
STATION	STATION NAME	

WHOLE DEGREES FAHRENHEIT

1210 WS FORM 0 88-5 (Det 50)  
JUL 64

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N.C. 28801

# EXTREME VALUES

MINIMUM TEMPERATURE  
(FROM DAILY OBSERVATIONS)

43310  
STATION

FUKUOKA KYUSHU JAPAN/ITAZUKE AB  
STATION NAME

46-64  
YEARS

WHOLE DEGREES FAHRENHEIT

MONTH YEAR	JAN.	FEB.	MAR.	APR	MAY	JUN.	JUL	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
46										40	(31)	25	
47	20				42	(49)	61	66	55	(38)	32	29	
48	25	25	26	28	46	50	66	64	55	44	35	32	25
49	29	32	30	(32)	45	54	(60)	68	52	42	32	28	28
50	26	28	27	35	43	50	68	(61)	54	41	36	25	25
51	27	29	29	36	44	51	63	68	(51)	44	33	29	27
52	29	30	30	35	44	51	63	70	(51)	43	37	31	29
53	26	29	32	33	44	56	62	69	58	46	33	33	26
54	30	28	28	36	46	53	67	69	56	42	39	(23)	23
55	27	28	35	36	48	56	69	66	57	41	33	29	27
56	29	26	30	34	44	55	67	(61)	55	44	34	27	26
57	28	25	30	35	42	52	68	68	54	42	35	32	25
58	30	31	30	35	42	56	68	69	57	39	34	33	30
59	26	28	32	42	49	53	71	71	56	45	38	32	26
60	30	28	32	35	43	55	70	65	55	41	34	27	27
61	25	26	29	33	44	53	72	72	53	45	35	28	25
62	29	26	28	35	41	57	69	65	52	42	34	31	26
63	24	23	28	34	43	57	70	67	53	45	32	30	23
64	28	27	28	44	46								
MEAN	27.1	27.6	29.6	35.8	44.2	53.4	66.7	67.0	54.4	42.4	34.3	29.1	26.1
S D.	2.587	2.293	2.206	3.073	2.130	2.599	3.636	3.122	2.120	2.229	2.164	2.928	1.893
TOTAL OBS.	558	481	527	510	558	510	527	527	510	558	540	558	6364

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

# PSYCHROMETRIC SUMMARY

43310 FUKUOKA KYUSHU JAPAN/ITAZUKE AB

46-64

ALL

STATION

STATION NAME

YEARS

MONTH

PAGE 1 ALL  
HOURS (L S T)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																														TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																
100/ 99										.0	.0	.0	.0																		10	10				
98/ 97								.0		.0	.0	.0	.0																		30	30				
96/ 95				.0	.0	.0	.0	.0	.0	.0	.0	.0	.0																		110	110				
94/ 93				.0	.0	.0	.0	.1	.1	.0	.0	.0	.0																		339	339				
92/ 91				.0	.0	.1	.2	.1	.0	.0	.0																				754	754				
90/ 89			.0	.0	.1	.4	.4	.1	.0	.0	.0									.0											1652	1652	1			
88/ 87		.0	.0	.1	.3	.6	.3	.1	.0	.0	.0	.0	.0					.0	.0												2195	2195	8	1		
86/ 85		.0	.0	.3	.7	.5	.2	.0	.0	.0	.0	.0	.0	.0				.0	.0	.0											2758	2758	68	16		
84/ 83		.0	.2	.7	.7	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0			.0	.0												3230	3231	174	73		
82/ 81	.0	.1	.7	1.0	.4	.2	.1	.1	.0	.0	.0	.0	.0	.0																	4216	4216	697	152		
80/ 79	.0	.5	1.6	.8	.3	.2	.1	.1	.0	.0	.0	.0	.0	.0																	6079	6079	3225	608		
78/ 77	.0	1.4	1.5	.5	.3	.3	.2	.1	.1	.0	.0	.0	.0	.0	.0			.0	.0												7003	7005	6957	2735		
76/ 75	.2	1.7	1.1	.5	.4	.3	.2	.1	.1	.0	.0	.0	.0	.0																	7352	7360	9581	7809		
74/ 73	.3	1.5	.8	.5	.4	.3	.2	.1	.0	.0	.0	.0	.0																		6371	6374	7704	10150		
72/ 71	.2	1.1	.7	.5	.4	.3	.2	.1	.0	.0	.0	.0																			5762	5764	6155	7916		
70/ 69	.2	1.2	.8	.6	.4	.3	.2	.1	.0	.0	.0	.0																			6134	6139	5364	5556		
68/ 67	.2	1.1	.9	.5	.5	.3	.2	.1	.0	.0	.0	.0																			6042	6055	5539	4751		
66/ 65	.2	1.3	1.0	.6	.4	.3	.2	.1	.0	.0	.0																				6279	6285	6237	5184		
64/ 63	.2	1.4	.9	.5	.3	.2	.1	.0	.0	.0																					6152	6166	6512	5615		
62/ 61	.2	1.6	.8	.6	.3	.3	.1	.0	.0	.0																					6219	6221	6938	5954		
60/ 59	.3	1.5	.9	.5	.4	.3	.1	.0	.0																						6344	6344	7125	6499		
58/ 57	.2	1.5	.8	.5	.4	.2	.1	.0	.0	.0																					5928	5928	6480	6116		
56/ 55	.3	1.4	.8	.6	.4	.2	.0	.0	.0																						5884	5891	6584	6429		
54/ 53	.2	1.5	.9	.6	.4	.2	.0	.0																							5935	5938	5867	6019		
52/ 51	.3	1.5	.9	.6	.4	.1	.0	.0																							5922	5922	6352	5851		
50/ 49	.3	1.6	1.0	.7	.4	.1	.0																								6646	6646	6399	5957		
48/ 47	.3	1.6	1.0	.7	.4	.1	.0																								6244	6244	6525	5988		
46/ 45	.3	1.7	1.0	.7	.3	.0	.0																								6402	6402	6680	5947		
44/ 43	.2	1.5	1.0	.7	.3	.0	.0																								5850	5850	6507	5959		
42/ 41	.2	1.5	.9	.6	.2	.0																									5361	5361	6337	5934		
40/ 39	.2	1.5	.9	.6	.1	.0																									5336	5336	6220	5771		
38/ 37	.1	1.4	.8	.5	.0																										4558	4558	5681	5786		
36/ 35	.2	1.3	.7	.2	.0																										3759	3759	5344	5540		
34/ 32	.2	1.0	.4	.1																											2638	2638	4475	5245		
Element (X)	ΣX <sup>2</sup>			ΣX			X̄			σ <sub>x</sub>			No Obs			Mean No. of Hours with Temperature																				
Rcl. Hum.																≤ 0 F			≤ 32 F			≥ 67 F			≥ 73 F			≥ 80 F			≥ 93 F			Total		
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

FORM 1210 WS JUL 64 0-26-5 (Ref 50) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## PSYCHROMETRIC SUMMARY

**ALL**  
**MONTH**

**PAGE 2 ALL**  
**HOURS (L S T)**

[illegible]

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

# PSYCHROMETRIC SUMMARY

43310 FUKUOKA KYUSHU JAPAN/ITAZUKA AB

47-64

JAN

STATION

STATION NAME

YEARS

MONTH

PAGE 1 ALL

HOURS R S T

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point					
68/ 67																			2	2					
66/ 65																			8	8					
64/ 63																			31	31					
62/ 61																			42	42	7				
60/ 59																			90	90	23				
58/ 57																			148	148	35				
56/ 55																			210	210	107				
54/ 53																			367	367	156				
52/ 51																			539	539	313				
50/ 49																			820	820	463				
48/ 47																			917	917	551				
46/ 45																			1098	1098	820				
44/ 43																			1174	1174	983				
42/ 41																			1344	1344	1109				
40/ 39																			1484	1484	1306				
38/ 37																			1443	1443	1455				
36/ 35																			1357	1357	1621				
34/ 33																			1074	1074	1509				
32/ 31																			817	817	1626				
30/ 29																			319	319	855				
28/ 27																			75	75	393				
26/ 25																			26	26	98				
24/ 23																			2	2	15				
22/ 21																									
20/ 19																									
18/ 17																									
16/ 15																									
14/ 13																									
12/ 11																									
10/ 9																									
TOTAL	6.637	328.328	320.6	5.9	1.0	.2	.0												13387	13387	13387				
																			13387	13387					
Element (X)	Σx²		Σx		X̄		σx		No Obs		Mean No. of Hours with Temperature														
Rel. Hum.	78255164		1004510		75.0		14.669		13387		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb	23585666		554080		41.4		6.982		13387			68.9	.1				744.0								
Wet Bulb	20105819		511235		38.2		6.596		13387			166.0					744.0								
Dew Point	16017929		450165		33.6		8.109		13387			359.8					744.0								

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

# PSYCHROMETRIC SUMMARY

43310  
STATION

FUKUOKA KYUSHU JAPAN/ITAZUKE AB  
STATION NAME

48-64  
YEARS

FEB  
MONTH

PAGE 1 ALL  
HOURS (R S T)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D B / W.B	TOTAL					
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30		< 31	Dry Bulb	Wet Bulb	Dew Point		
72/ 71																.0																		1	1			
70/ 69			.0				.0					.0	.0	.0																				12	12			
68/ 67			.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0																					24	24	2	2	
66/ 65			.0	.0	.0	.1	.1	.1	.1	.1	.0							.0																24	24	7	6	
64/ 63			.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0																					75	75	8	1	
62/ 61			.2	.1	.1	.2	.1	.1	.1	.0	.0	.0																						101	101	33	18	
60/ 59	.1	.1	.3	.3	.3	.3	.2	.1	.1	.0																									160	160	48	37
58/ 57	.0	.4	.5	.3	.5	.1	.1	.1	.1	.0																									199	199	74	32
56/ 55	.1	.6	.6	.4	.4	.2	.1																												276	276	161	71
54/ 53	.1	.9	.8	.8	.7	.4	.1																												440	440	188	126
52/ 51	.3	1.6	1.1	1.0	.8	.4	.1																												612	612	344	168
50/ 49	.6	1.9	1.5	1.4	1.1	.4	.0																												790	790	502	351
48/ 47	.5	2.1	1.9	1.4	1.2	.4																													873	873	620	415
46/ 45	.4	2.8	2.2	2.1	1.0	.2	.0																												1008	1008	754	422
44/ 43	.3	3.3	2.2	2.1	1.1	.1	.0																												1050	1050	951	549
42/ 41	.4	2.5	2.7	2.1	.7	.0																													957	957	979	734
40/ 39	.5	3.3	3.2	2.2	.4																														1108	1108	1080	737
38/ 37	.3	3.8	3.4	2.3	.1																														1141	1141	1156	749
36/ 35	.4	4.3	2.9	1.0	.0																														1002	1002	1289	832
34/ 33	.5	4.0	1.8	.5																															776	776	1267	1046
32/ 31	.3	3.5	.7	.1																															531	531	1077	1154
30/ 29	.2	1.7	.3																																256	256	649	1126
28/ 27	.2	.7	.0																																104	104	275	1002
26/ 25	.1	.1																																	14	14	71	864
24/ 23		.0																																	1	1	2	508
22/ 21																																					1	301
20/ 19																																						140
18/ 17																																						99
16/ 15																																						35
14/ 13																																						9
12/ 11																																						2
10/ 9																																						2
TOTAL	5.238	0.26	4.18	2	8.5	2.8	.6	.1	.0	.0																								11535	11535	11538		
Element (X)	$\Sigma X^2$		$\Sigma X$		$\bar{X}$		$\sigma_x$		No. Obs.		Mean No. of Hours with Temperature										Total																	
Rel Hum	66359295		856887		74.3		15.358		11538		≥ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total															
Dry Bulb	21857642		494002		42.8		7.798		11535				52.8		2.2								672.0															
Wet Bulb	18479035		454309		39.4		7.154		11538				120.9		.1								672.0															
Dew Point	14719489		400161		34.7		8.538		11538				305.3		.1								672.0															

## PSYCHROMETRIC SUMMARY

**YEARS**

MONTH

HOURS 9.5 T.J.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																											TOTAL D.B./W.B.	TOTAL																																																																																																																																																																																																																																																																																																																																																																																							
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	Dry Bulb	Wet Bulb	Dew Point																																																																																																																																																																																																																																																																																																																																																																																																
78/ 77					.0	.0												6	6																																																																																																																																																																																																																																																																																																																																																																																																	
76/ 75					.0	.0	.0						.0					7	7																																																																																																																																																																																																																																																																																																																																																																																																	
74/ 73				.0	.0	.0	.0			.0	.0	.0						10	10																																																																																																																																																																																																																																																																																																																																																																																																	
72/ 71			.0	.0	.0	.0	.1	.0	.2	.3								29	29																																																																																																																																																																																																																																																																																																																																																																																																	
70/ 69			.0	.1	.1	.1	.1	.0	.0	.0	.0							61	61	1																																																																																																																																																																																																																																																																																																																																																																																																
68/ 67		.0	.1	.1	.2	.1	.1	.1	.0	.0	.0							103	103	11																																																																																																																																																																																																																																																																																																																																																																																																
66/ 65		.2	.3	.3	.2	.2	.2	.1	.0	.0								184	184	23	4																																																																																																																																																																																																																																																																																																																																																																																															
64/ 63		.2	.3	.5	.3	.2	.2	.1	.0	.0								223	223	78	35																																																																																																																																																																																																																																																																																																																																																																																															
62/ 61	.1	.3	.5	.6	.4	.4	.3	.1	.1	.0								335	335	108	74																																																																																																																																																																																																																																																																																																																																																																																															
60/ 59	.1	.6	.7	.8	.7	.6	.3	.1	.0									474	474	190	93																																																																																																																																																																																																																																																																																																																																																																																															
58/ 57	.1	.7	.8	1.0	.9	.5	.2	.0	.1	.0								544	544	268	138																																																																																																																																																																																																																																																																																																																																																																																															
56/ 55	.3	1.4	1.2	1.1	1.0	.8	.2	.0	.0									768	768	420	252																																																																																																																																																																																																																																																																																																																																																																																															
54/ 53	.2	1.8	1.7	1.5	1.4	.8	.2	.0										912	912	559	348																																																																																																																																																																																																																																																																																																																																																																																															
52/ 51	.2	2.2	2.0	1.9	1.3	.6	.0	.0										996	996	760	425																																																																																																																																																																																																																																																																																																																																																																																															
50/ 49	.3	2.7	2.5	2.0	1.5	.6	.0											1218	1218	927	552																																																																																																																																																																																																																																																																																																																																																																																															
48/ 47	.5	2.9	2.5	2.1	1.2	.2	.0											1202	1202	1165	755																																																																																																																																																																																																																																																																																																																																																																																															
46/ 45	.3	3.2	3.1	1.8	.8	.0												1170	1170	1292	856																																																																																																																																																																																																																																																																																																																																																																																															
44/ 43	.3	3.1	2.6	1.5	.7	.0												1044	1044	1259	932																																																																																																																																																																																																																																																																																																																																																																																															
42/ 41	.2	3.3	1.9	1.1	.4	.0												869	869	1368	987																																																																																																																																																																																																																																																																																																																																																																																															
40/ 39	.3	3.1	1.8	.8	.1													775	775	1203	1092																																																																																																																																																																																																																																																																																																																																																																																															
38/ 37	.3	2.9	1.3	.4	.0													609	609	968	1213																																																																																																																																																																																																																																																																																																																																																																																															
36/ 35	.4	2.7	.8	.1														510	510	834	1132																																																																																																																																																																																																																																																																																																																																																																																															
34/ 33	.2	1.9	.3	.0														312	312	622	1005																																																																																																																																																																																																																																																																																																																																																																																															
32/ 31	.2	1.3	.1	.0														198	198	371	938																																																																																																																																																																																																																																																																																																																																																																																															
30/ 29	.1	.5	.0															74	74	181	703																																																																																																																																																																																																																																																																																																																																																																																															
28/ 27	.0	.1																15	15	47	479																																																																																																																																																																																																																																																																																																																																																																																															
26/ 25																				3	368																																																																																																																																																																																																																																																																																																																																																																																															
24/ 23																					163																																																																																																																																																																																																																																																																																																																																																																																															
22/ 21																					61																																																																																																																																																																																																																																																																																																																																																																																															
20/ 19																					25																																																																																																																																																																																																																																																																																																																																																																																															
18/ 17																					10																																																																																																																																																																																																																																																																																																																																																																																															
16/ 15																					7																																																																																																																																																																																																																																																																																																																																																																																															
12/ 11																					1																																																																																																																																																																																																																																																																																																																																																																																															
Element (X)	Σ X <sup>2</sup>		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X	

## PSYCHROMETRIC SUMMARY

43-64

MAR

STATION

STATION NAME

YEARS

MONTH

PAGE 2 ALL

HOURS (L S T)

[illegible]



DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

# PSYCHROMETRIC SUMMARY

43310 FUKUOKA KYUSHU JAPAN/ITAZUKE AB  
STATION STATION NAME

48-64  
YEARS

APR  
MONTH

PAGE 1 ALL

HOURS (L S T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL D.B./W.B.	TOTAL							
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	Dry Bulb	Wet Bulb	Dew Point																	
88/ 87																																					
86/ 85																																					
84/ 83																																					
82/ 81																																					
80/ 79																																					
78/ 77																																					
76/ 75																																					
74/ 73																																					
72/ 71																																					
70/ 69																																					
68/ 67																																					
66/ 65																																					
64/ 63																																					
62/ 61																																					
60/ 59																																					
58/ 57																																					
56/ 55																																					
54/ 53																																					
52/ 51																																					
50/ 49																																					
48/ 47																																					
46/ 45																																					
44/ 43																																					
42/ 41																																					
40/ 39																																					
38/ 37																																					
36/ 35																																					
34/ 33																																					
32/ 31																																					
30/ 29																																					
28/ 27																																					
26/ 25																																					
24/ 23																																					
20/ 19																																					
Element (X)	Σx²			Σx			x̄			σx			No. Obs.			Mean No. of Hours with Temperature																					
Rel Hum.																≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total									
Dry Bulb																																					
Wet Bulb																																					
Dew Point																																					

FORM 1210 WS JUL 64 0-26-5 (Rev 50) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## PSYCHROMETRIC SUMMARY

MONTH

[illegible]

1210 WS 0-26-5 (Dot 50) FORM REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

# PSYCHROMETRIC SUMMARY

43310 FUKUOKA KYUSHU JAPAN/ITAZUKE AB

47-64

MAY

STATION

STATION NAME

YEARS

MONTH

PAGE 1 ALL

HOURS R S T

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	DB /WB	Dry Bulb	Wet Bulb	Dew Point													
88/ 87													.0	.0					2	2														
86/ 85							.0		.0	.0	.0	.0	.0	.0					18	18														
84/ 83						.0	.0	.1	.0	.1	.1	.0	.0	.0					43	43														
82/ 81					.1	.1	.2	.1	.1	.1	.1	.1	.0						124	124														
80/ 79			.0	.1	.1	.3	.4	.3	.2	.2	.1	.0	.0						237	237														
78/ 77			.1	.4	.3	.3	.5	.5	.4	.2	.0	.0	.0	.0					368	368														
76/ 75		.0	.4	.5	.6	.8	.8	.7	.3	.2	.1	.0	.0						581	581														
74/ 73	.0	.2	.6	.9	1.1	1.0	.6	.5	.2	.1	.0	.0							707	707			51	10										
72/ 71	.0	.6	1.0	1.1	1.2	1.0	.6	.3	.1	.1									802	802			228	66										
70/ 69	.1	1.0	1.4	1.7	1.4	1.1	.5	.2	.1	.0	.0								1012	1012			403	235										
68/ 67	.2	2.1	2.7	1.9	1.8	.7	.3	.1	.0	.0									1313	1319			709	323										
66/ 65	.5	3.3	3.3	2.0	.9	.6	.2	.1											1453	1455			1201	666										
64/ 63	.5	4.4	3.1	1.4	.7	.3	.2	.0	.0										1420	1422			1722	1009										
62/ 61	.6	5.2	2.3	1.3	.4	.2	.0												1352	1352			2090	1434										
60/ 59	.7	4.1	2.2	1.0	.3	.0	.0												1121	1121			1931	1874										
58/ 57	.5	3.5	1.6	.6	.1														840	840			1472	1580										
56/ 55	.4	2.9	1.2	.4	.0														651	651			1177	1514										
54/ 53	.5	2.4	.9	.1		.0													516	516			881	1303										
52/ 51	.3	1.6	.5	.0	.0														330	330			634	1010										
50/ 49	.2	1.2	.3	.0	.0														239	239			437	835										
48/ 47	.1	.8	.1	.0															139	139			222	615										
46/ 45	.1	.3	.1																68	68			133	419										
44/ 43	.1	.2	.0																35	35			53	259										
42/ 41	.0	.0																	7	7			30	116										
40/ 39																							2	41										
38/ 37																									34									
36/ 35																										16								
34/ 33																										8								
32/ 31																										4								
30/ 29																										2								
28/ 27																										2								
26/ 25																										2								
20/ 19																										1								
Element (X)	Σ X <sup>2</sup>		Σ X		X̄		σ <sub>x</sub>		No Obs		Mean No. of Hours with Temperature										Total													
Rel. Hum											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F																		
Dry Bulb																																		
Wet Bulb																																		
Dew Point																																		

1210 WS FORM 0-26-5 (Det 50) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## PSYCHROMETRIC SUMMARY

**MAY**

MONTH

HOURS (L S T)

[illegible]

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

# PSYCHROMETRIC SUMMARY

43310 FUKUOKA KYUSHU JAPAN/ITAZUKE AB

47-64

JUN  
MONTH

PAGE 1 ALL  
HOURS (L S T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL			
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30		31	Dry Bulb	Wet Bulb	Dew Point
92/ 91													.0	.0	.0	.0	.0	.0															6	6		
90/ 89								.0	.1	.1	.1	.1	.0	.0	.0	.0													.0			44	44			
88/ 87								.0	.2	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0										95	95			
86/ 85						.0	.3	.4	.3	.2	.1	.1	.1	.1	.1	.0	.0	.0	.0								.0					189	189			
84/ 83					.2	.5	.4	.4	.3	.1	.1	.1	.0	.0	.0	.0																273	273			
82/ 81			.0	.1	.8	.9	.6	.5	.2	.1	.1	.1	.1	.1	.0																	459	459			
80/ 79	.0	.1	1.0	1.3	1.0	1.1	.5	.3	.1	.1	.0	.0																				714	714	29	2	
78/ 77	.0	.7	1.9	1.3	1.5	1.1	.8	.3	.2	.1	.0																					1021	1021	187	26	
76/ 75	.1	1.4	2.0	1.8	1.8	1.1	.5	.3	.1	.0																						1167	1167	623	193	
74/ 73	.3	2.4	2.5	2.1	1.5	.6	.3	.1	.0																							1274	1275	899	691	
72/ 71	.7	2.9	2.9	1.9	1.0	.5	.1	.0	.0																							1309	1309	1232	981	
70/ 69	.6	4.2	4.0	2.2	.6	.3	.0																									1538	1543	1607	1096	
68/ 67	.8	5.0	3.4	1.0	.5	.1	.0																									1388	1392	1887	1425	
66/ 65	1.3	5.2	2.4	.7	.1																											1256	1260	2071	1881	
64/ 63	.8	4.0	1.6	.2	.0																											852	864	1641	1920	
62/ 61	.6	3.4	.7	.1	.0																											622	623	1221	1573	
60/ 59	.5	1.8	.3	.1	.0																											351	351	861	1282	
58/ 57	.3	1.0	.2	.0	.0																											195	195	324	827	
56/ 55	.3	.6	.1																													117	117	205	500	
54/ 53	.1	.2	.0																													40	40	94	263	
52/ 51	.1	.0																														19	19	39	130	
50/ 49	.0																															2	2	7	69	
48/ 47																																			28	
46/ 45																																			21	
44/ 43																																			6	
42/ 41																																			4	
40/ 39																																			6	
36/ 35																																			1	
TOTAL	6.533	0.23	0.13	0.8	9.7	6.5	3.8	1.8	1.0	.5	.3	.1	.1	.0	.0																	12954		12925		
																																	12929		12926	
Element (X)	$\Sigma X^2$			$\Sigma X$			$\bar{X}$			$\sigma_x$			No. Obs.			Mean No. of Hours with Temperature										Total										
Rel. Hum.	87153256			1045952			80.9			13.936			12925			$\leq 0 F$			$\leq 32 F$			$\geq 67 F$			$\geq 73 F$			$\geq 80 F$			$\geq 93 F$			Total		
Dry Bulb	65812409			919157			71.0			6.767			12954									527.1			291.4			79.2						720.0		
Wet Bulb	57640285			860685			66.6			5.062			12926									360.0			96.7			4						720.0		
Dew Point	53789664			830750			64.3			5.218			12925									.1			245.9			50.8			.1			720.0		

## PSYCHROMETRIC SUMMARY

444

STATION

STATION NAME

**YEARS**

**MONTH**

PAGE 1 ALL  
HOURS (L S T)

[illegible]

1210 WS 0-26-5 (Det 50) FORM JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## PSYCHROMETRIC SUMMARY

47-44

446

STATION

STATION NAME

YEARS

MONTH

PAGL 1 ALL

HOURS (L S T)

[illegible]

## PSYCHROMETRIC SUMMARY

YEARS

SEP  
MONTH  
PAGE 1 ALL  
HOURS (L S T)

[illegible]



## PSYCHROMETRIC SUMMARY

UUT

**YEARS**

MONTH

PAGE 1 ALL

HOURS &amp; S.T.)

Temp. [F]	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
90/ 89						.0			.0	.1								4	4					
88/ 87									.0	.1								2	2					
86/ 85					.0	.0	.0	.0										15	15					
84/ 83				.0	.0	.0	.0	.0		.0	.0	.0						28	28					
82/ 81				.1	.1	.1	.1	.1	.0	.0								87	87					
80/ 79			.1	.1	.2	.2	.1	.1	.0	.0								112	112	1				
78/ 77		.0	.2	.2	.4	.4	.3	.1	.1	.0	.0							250	250	12				
76/ 75		.1	.4	.5	.7	.6	.6	.3	.1	.0		.0						478	478	45				
74/ 73	.0	.3	.6	.6	1.0	.7	.7	.2	.1									615	615	120				
72/ 71	.1	.6	.9	1.2	1.1	1.4	.8	.4	.0									897	897	203				
70/ 69	.1	1.3	1.1	1.5	1.2	1.4	.8	.3	.0									1095	1095	426				
68/ 67	.2	1.7	1.6	1.3	1.5	1.3	.6	.1	.0									1180	1180	689				
66/ 65	.4	2.4	2.0	1.6	1.1	.8	.4	.1	.0									1241	1241	995				
64/ 63	.6	3.0	2.1	1.4	.9	.5	.2	.1										1224	1224	1297				
62/ 61	.6	3.2	2.1	1.4	.7	.4	.1	.0										1188	1188	1561				
60/ 59	.6	4.0	2.0	.9	.6	.2	.0											1158	1158	1631				
58/ 57	.7	4.3	1.5	.7	.3	.1	.0											1071	1071	1663				
56/ 55	.7	3.6	1.4	.4	.1	.1	.0											893	893	1507				
54/ 53	.6	1.6	.9	.2	.0	.0	.0											755	755	1105				
52/ 51	.6	3.0	.5	.1	.0	.0												601	601	997				
50/ 49	.5	2.6	.3	.1	.0													495	495	722				
48/ 47	.5	1.9	.1	.0	.0													352	352	502				
46/ 45	.4	1.1	.0	.0														224	224	350				
44/ 43	.2	.5	.0															103	103	174				
42/ 41	.1	.2																41	41	98				
40/ 39	.0	.1																18	18	27				
38/ 37		.0																2	2	6				
36/ 35																				25				
34/ 33																				24				
32/ 31																				11				
30/ 29																				3				
28/ 27																				2				
TOTAL	7.0	37.4	17.7	12.1	10.1	8.4	4.9	1.7	.5	.1	.0	.3						14129	14129	14133				
Element [X]	ΣX <sup>2</sup>	ΣX		Σ		Σ <sub>x</sub>		No. Obs.		Mean No. of Hours with Temperature														
Rel. Hum.	92171458	1120704		79.3		15.288		14133		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb	56115772	882666		62.5		8.303		14129				250.8	83.8	9.5		744.0								
Wet Bulb	48543087	822909		58.2		6.668		14133				78.8	9.4			744.0								
Dew Point	43387605	782149		55.3		7.047		14133				.8	43.0	3.6		744.0								

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

# PSYCHROMETRIC SUMMARY

43310  
STATION

FUKUOKA KYUSHU JAPAN/ITAZUKE AB  
STATION NAME

46-64  
YEARS

NOV  
MONTH

PAGE 1 ALL  
HOURS (L S T)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	Dry Bulb	Wet Bulb	Dew Point					
80/ 79							.0	.0										1	1						
78/ 77						.0	.0		.0									5	5						
76/ 75				.0	.0	.0	.0	.1	.0	.0								23	23						
74/ 73				.0	.1	.1	.1	.1	.0	.0								60	60						
72/ 71			.0	.1	.2	.1	.2	.1	.0	.0								110	110						
70/ 69		.1	.2	.4	.4	.4	.4	.1	.0									256	256						
68/ 67		.1	.4	.5	.6	.7	.5	.1	.0									382	382	41	7				
66/ 65	.1	.6	.9	.9	.8	1.0	.6	.1										663	663	107	42				
64/ 63	.1	.8	1.3	1.1	1.0	.9	.4	.1										774	774	280	122				
62/ 61	.1	1.9	1.3	1.1	1.2	1.1	.3	.0										949	949	471	224				
60/ 59	.3	2.2	1.5	1.2	1.1	.9	.3											1022	1022	844	491				
58/ 57	.3	2.3	2.5	1.5	1.0	.7	.1											1087	1087	944	647				
56/ 55	.5	2.5	2.0	1.6	1.1	.5	.0											1142	1149	1151	767				
54/ 53	.5	2.6	2.1	1.4	.8	.2	.0											1067	1069	1213	806				
52/ 51	.4	3.6	2.1	1.1	.4	.1	.0											1057	1057	1349	1026				
50/ 49	.6	4.2	2.2	1.0	.5	.1												1161	1161	1416	1219				
48/ 47	.4	3.9	1.5	.5	.3	.0												918	918	1414	1319				
46/ 45	.7	4.2	.9	.5	.3													899	899	1241	1453				
44/ 43	.6	3.4	.6	.6	.1													724	724	983	1333				
42/ 41	.6	3.0	.5	.3	.1													599	599	812	1208				
40/ 39	.5	2.0	.3	.2														397	397	648	973				
38/ 37	.3	1.1	.2															214	214	408	798				
36/ 35	.2	.6	.0															112	112	211	477				
34/ 33	.1	.2	.0															42	42	109	313				
32/ 31	.0	.0																7	7	27	206				
30/ 29																					115				
28/ 27																					70				
26/ 25																					41				
24/ 23																					14				
22/ 21																					2				
TOTAL	6.4	39.3	20.0	14.0	10.0	6.7	2.9	.6	.1	.0								13669		13678		13669			
Element (X)	$\Sigma X^2$		$\Sigma X$		$\bar{X}$		$\sigma_x$		No. Obs.		Mean No. of Hours with Temperature						Total								
Rel. Hum	86551988		1067302		78.1		15.337		13669		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	720.0								
Dry Bulb	40505710		735426		53.8		8.399		13678			.4	44.1	4.7			720.0								
Wet Bulb	34776008		682638		49.9		7.078		13669				1.4	2.4			720.0								
Dew Point	30370558		635758		46.5		7.659		13669				23.6	.4			720.0								

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

# PSYCHROMETRIC SUMMARY

43310 FUKUOKA KYUSHU JAPAN/ITAZUKA AB

46-64

DEC

STATION

STATION NAME

YEARS

MONTH

PAGE 1 ALL

HOURS (R S T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																													TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	Dry Bulb	Wet Bulb	Dew Point													
70/ 69				.0	.0	.0												8	8														
68/ 67			.1	.0	.0	.0	.0	.0	.0									28	28														
66/ 65		.0	.1	.1	.1	.0	.0	.0										53	53														
64/ 63	.0	.1	.1	.2	.1	.1	.0	.0										101	101	26	6												
62/ 61	.0	.2	.2	.3	.3	.1	.1	.0	.0									176	176	41	23												
60/ 58	.0	.6	.5	.5	.6	.2	.2											378	378	96	52												
58/ 57	.0	.8	.6	.7	.7	.4	.1											461	461	178	94												
56/ 55	.1	1.1	.8	1.1	.9	.5	.0											657	657	292	162												
54/ 53	.2	1.2	1.3	1.3	1.2	.3	.0											784	784	419	261												
52/ 51	.2	1.6	1.7	1.7	1.2	.2	.0											944	944	597	325												
50/ 49	.4	2.1	2.7	2.1	1.2	.2	.0											1237	1237	850	445												
48/ 47	.4	2.8	2.7	2.2	1.1	.1												1311	1311	1091	577												
46/ 45	.5	3.6	3.1	2.1	.9	.1												1431	1431	1332	803												
44/ 43	.3	3.9	2.9	2.3	.5	.0												1397	1397	1505	1014												
42/ 41	.3	4.1	2.8	1.6	.3													1298	1298	1521	1153												
40/ 39	.6	4.7	2.3	1.8	.1													1354	1354	1673	1414												
38/ 37	.4	4.5	1.6	1.1	.0													1014	1014	1489	1445												
36/ 35	.5	3.3	.9	.3														715	715	1229	1541												
34/ 33	.5	2.0	.4	.1														419	419	921	1369												
32/ 31	.3	1.3	.1	.0														249	249	537	1185												
30/ 29	.1	.4	.0	.0														85	85	242	818												
28/ 27	.1	.1																31	31	71	541												
26/ 25		.0																1	1	20	444												
24/ 23																				2	261												
22/ 21																					85												
20/ 19																					43												
18/ 17																					33												
16/ 15																					7												
14/ 13																					6												
12/ 11																					3												
8/ 7																					1												
6/ 5																					1												
TOTAL	5.0	38.1	25.0	19.7	9.3	2.3	.5	.1	.0									14132	14132	14132	14132												
Element (X)	ΣX <sup>2</sup>		ΣX		Σ		ΣX		No. Obs.		Mean No. of Hours with Temperature										Total												
Rel. Hum.	84279083		1071997		75.9		14.477		14132		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																
Dry Bulb	30199265		644777		45.6		7.435		14132			19.3	1.9				744.0																
Wet Bulb	25746992		595710		42.2		6.708		14132			45.9					744.0																
Dew Point	21244119		536849		38.0		7.757		14132			180.5					744.0																

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DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

# MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

43310 FUKUOKA KYUSHU JAPAN/ITAZUKE AB 46-64

STATION		STATION NAME												YEARS	
HRS (LST)		JAN	FEB.	MAR	APR.	MAY	JUN	JUL.	AUG.	SEP	OCT.	NOV.	DEC	ANNUAL	
00-02	MEAN	39.0	39.5	43.7	52.1	59.3	66.7	76.4	76.5	69.6	57.4	49.2	42.3	56.2	
	S. D.	6.128	7.020	7.528	7.791	5.992	5.476	3.749	3.352	6.211	6.791	6.938	6.590	14.626	
	TOTAL OBS	1674	1441	1581	1530	1674	1620	1674	1674	1689	1765	1710	1765	19797	
03-05	MEAN	38.4	38.9	42.9	51.2	58.1	65.8	75.6	75.5	68.6	56.4	48.3	41.7	55.3	
	S. D.	6.243	6.960	7.536	8.079	6.312	5.893	3.812	3.507	6.486	7.123	7.157	6.573	14.609	
	TOTAL OBS	1671	1441	1581	1530	1673	1620	1673	1673	1689	1767	1710	1765	19793	
06-08	MEAN	38.1	38.8	43.3	52.5	60.4	67.7	76.8	76.9	69.5	57.1	48.4	41.7	56.1	
	S. D.	6.233	6.805	7.370	7.736	5.867	5.589	4.119	3.807	6.479	7.114	7.157	6.439	15.090	
	TOTAL OBS	1674	1443	1581	1530	1673	1619	1674	1674	1687	1767	1710	1767	19799	
09-11	MEAN	41.9	44.1	50.5	60.5	68.4	74.0	82.1	84.0	76.8	66.8	57.1	47.2	63.0	
	S. D.	6.360	6.842	6.727	6.326	5.458	5.424	5.205	4.100	5.593	5.701	6.666	6.425	15.340	
	TOTAL OBS	1674	1441	1581	1530	1674	1620	1673	1674	1691	1767	1709	1767	19801	
12-14	MEAN	45.9	48.3	54.4	63.9	71.5	76.6	84.7	87.1	80.1	70.9	61.9	51.7	66.6	
	S. D.	6.949	7.273	7.153	6.551	5.982	5.776	5.824	4.688	5.528	5.403	6.400	6.680	14.965	
	TOTAL OBS	1674	1441	1581	1530	1674	1620	1672	1673	1692	1767	1710	1767	19801	
15-17	MEAN	45.7	48.0	53.8	63.1	70.5	75.8	84.0	85.9	79.0	69.4	60.4	50.9	65.7	
	S. D.	6.850	7.043	7.072	6.440	5.763	5.554	5.722	4.696	5.322	5.282	6.191	6.463	14.718	
	TOTAL OBS	1673	1443	1581	1530	1673	1616	1674	1665	1691	1766	1710	1767	19789	
18-20	MEAN	42.2	44.0	49.5	58.6	66.1	72.3	80.9	81.8	74.3	62.8	54.1	46.1	61.2	
	S. D.	6.034	6.481	6.530	6.183	5.188	4.982	4.893	4.095	5.497	5.670	5.981	5.772	14.669	
	TOTAL OBS	1674	1443	1581	1530	1673	1619	1671	1668	1691	1767	1710	1767	19794	
21-23	MEAN	39.9	40.9	45.9	54.4	61.6	68.8	77.8	78.1	70.8	58.9	50.6	43.4	57.8	
	S. D.	5.953	6.751	6.968	6.948	5.243	4.996	3.865	3.285	5.848	6.311	6.588	6.202	14.540	
	TOTAL OBS	1673	1442	1581	1530	1674	1620	1671	1671	1692	1763	1709	1767	19793	
ALL HOURS	MEAN	41.4	42.8	48.0	57.0	64.5	71.0	79.8	80.7	73.6	62.5	53.8	45.6	60.2	
	S. D.	6.982	7.798	8.361	8.525	7.575	6.767	5.795	5.839	7.287	8.303	8.395	7.435	15.416	
	TOTAL OBS	13387	11535	12648	12240	13388	12954	13382	13372	13522	14129	13678	14132	158367	

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DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

# MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

43310 FUKUOKA KYUSHU JAPAN/ITAZUKE AB 46-64

STATION		STATION NAME												YEARS	
HRS (LST)		JAN	FEB.	MAR	APR.	MAY	JUN	JUL.	AUG.	SEP	OCT.	NOV.	DEC.	ANNUAL	
00-02	MEAN	36.7	37.3	41.4	49.8	57.1	64.6	73.6	74.0	67.5	55.6	47.3	40.0	53.9	
	S. D.	6.208	6.964	7.223	7.479	5.736	5.074	2.991	2.725	5.892	6.540	6.739	6.416	14.463	
	TOTAL OBS	1674	1442	1581	1530	1671	1616	1674	1673	1687	1767	1707	1765	19786	
03-05	MEAN	36.1	36.7	40.7	49.1	56.2	63.9	73.0	73.3	66.8	54.7	46.4	39.5	53.2	
	S. D.	6.279	6.914	7.330	7.841	6.049	5.469	2.998	2.895	6.159	6.828	6.904	6.381	14.495	
	TOTAL OBS	1671	1442	1581	1530	1670	1617	1671	1672	1689	1767	1707	1765	19782	
06-08	MEAN	35.9	36.6	40.9	49.9	57.6	65.0	73.5	73.9	67.2	55.2	46.5	39.4	53.7	
	S. D.	6.244	6.808	7.197	7.490	5.510	5.080	3.039	2.867	6.068	6.718	6.912	6.253	14.709	
	TOTAL OBS	1674	1443	1581	1530	1670	1613	1673	1673	1686	1767	1707	1767	19784	
09-11	MEAN	38.5	40.1	45.5	54.5	61.5	67.7	75.6	76.9	70.6	60.6	52.0	43.2	57.4	
	S. D.	6.304	6.585	6.396	6.083	4.467	4.412	3.065	2.550	4.979	5.344	6.146	6.153	14.105	
	TOTAL OBS	1674	1441	1581	1530	1673	1617	1673	1674	1692	1767	1709	1767	19798	
12-14	MEAN	41.0	42.7	47.8	56.3	63.0	69.1	76.8	78.1	71.9	62.3	54.4	45.8	59.3	
	S. D.	6.548	6.657	6.396	6.019	4.527	4.376	3.100	2.737	4.971	5.266	5.867	6.235	13.618	
	TOTAL OBS	1674	1443	1581	1530	1674	1617	1672	1673	1689	1767	1710	1767	19797	
15-17	MEAN	41.1	42.7	47.6	56.1	62.7	68.9	76.6	77.8	71.7	61.8	53.8	45.5	59.0	
	S. D.	6.591	6.718	6.436	6.084	4.462	4.263	3.130	2.682	4.901	5.367	5.939	6.309	13.597	
	TOTAL OBS	1673	1443	1581	1530	1673	1613	1674	1665	1687	1766	1710	1767	19782	
18-20	MEAN	38.9	40.4	45.3	54.0	61.0	67.5	75.5	76.4	69.9	59.0	50.7	42.8	57.0	
	S. D.	6.214	6.671	6.430	6.231	4.568	4.247	3.073	2.657	5.150	5.686	6.093	6.050	13.967	
	TOTAL OBS	1674	1443	1581	1530	1673	1616	1670	1668	1691	1767	1710	1767	19790	
21-23	MEAN	37.3	38.4	43.1	51.6	58.8	66.0	74.5	75.1	68.3	56.6	48.4	40.9	55.1	
	S. D.	6.074	6.826	6.831	6.929	5.122	4.590	2.965	2.616	5.572	6.130	6.490	6.235	14.322	
	TOTAL OBS	1673	1442	1581	1530	1674	1617	1671	1671	1692	1765	1709	1767	19792	
ALL HOURS	MEAN	38.2	39.4	44.0	52.7	59.8	66.6	74.9	75.7	69.2	58.2	49.9	42.2	56.1	
	S. D.	6.596	7.154	7.314	7.333	5.657	5.062	3.337	3.217	5.813	6.668	7.078	6.708	14.349	
	TOTAL OBS	13387	11538	12648	12240	13378	12926	13378	13369	13513	14133	13669	14132	158311	

FORM

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DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 28801

## MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

43310 FUKUOKA KYUSHU JAPAN/ITAZUKE AB 46-64

STATION		STATION NAME				YEARS									
HRS (L.S.T.)		JAN	FEB.	MAR	APR.	MAY	JUN	JUL.	AUG.	SEP.	OCT	NOV	DEC.	ANNUAL	
00-02	MEAN	33.0	34.0	38.6	47.8	55.6	63.4	72.4	73.1	66.5	54.3	45.4	37.1	52.0	
	S. D.	7.860	8.224	7.978	8.033	6.085	5.285	3.063	2.819	6.088	6.816	7.386	7.436	15.491	
	TOTAL OBS	1674	1441	1581	1530	1671	1616	1674	1673	1687	1767	1707	1765	19786	
03-05	MEAN	32.6	33.4	37.8	47.1	54.8	62.8	71.9	72.4	65.8	53.5	44.6	36.6	51.3	
	S. D.	7.877	8.277	8.269	8.414	6.350	5.598	3.020	2.970	6.299	7.082	7.526	7.408	15.549	
	TOTAL OBS	1671	1442	1581	1530	1670	1617	1671	1672	1689	1767	1707	1765	19782	
06-08	MEAN	32.4	33.2	37.9	47.5	55.7	63.5	72.2	72.7	66.0	53.8	44.5	36.4	51.5	
	S. D.	7.779	8.234	8.207	8.278	5.991	5.364	3.023	2.864	6.261	7.005	7.502	7.277	15.702	
	TOTAL OBS	1674	1443	1581	1530	1670	1613	1673	1673	1686	1767	1707	1767	19784	
09-11	MEAN	33.7	34.7	39.8	49.4	57.1	64.4	73.1	74.1	67.7	56.4	47.6	38.5	53.3	
	S. D.	8.050	8.360	8.466	8.455	6.276	5.914	3.082	2.932	5.897	6.789	7.496	7.635	15.544	
	TOTAL OBS	1674	1441	1581	1530	1673	1617	1673	1674	1692	1767	1709	1767	19798	
12-14	MEAN	34.6	35.7	40.7	50.1	57.6	65.2	73.7	74.6	68.1	56.7	48.0	39.3	53.9	
	S. D.	8.425	8.768	8.830	9.010	6.988	5.965	3.104	3.336	6.389	7.265	7.786	8.056	15.610	
	TOTAL OBS	1674	1443	1581	1530	1674	1617	1672	1673	1689	1767	1710	1767	19797	
15-17	MEAN	34.9	35.9	40.9	50.4	57.6	65.3	73.8	74.7	68.2	56.8	48.2	39.4	54.0	
	S. D.	8.536	8.962	8.730	8.773	6.824	5.544	3.116	3.210	6.168	7.242	7.873	8.287	15.538	
	TOTAL OBS	1673	1443	1581	1530	1673	1613	1674	1665	1687	1766	1710	1767	19782	
18-20	MEAN	34.4	35.6	40.6	50.2	57.6	65.1	73.4	74.3	67.8	56.3	47.6	38.8	53.7	
	S. D.	8.103	8.770	8.226	8.063	6.003	5.013	3.100	2.966	5.805	6.630	7.341	7.770	15.363	
	TOTAL OBS	1674	1443	1581	1530	1673	1615	1670	1668	1691	1767	1710	1767	19789	
21-23	MEAN	33.4	34.8	39.8	49.2	56.9	64.6	73.1	73.9	67.0	55.0	46.2	37.8	52.8	
	S. D.	7.832	8.255	7.925	7.886	5.751	4.907	3.023	2.791	5.817	6.579	7.224	7.502	15.463	
	TOTAL OBS	1673	1442	1581	1530	1674	1617	1671	1671	1692	1765	1709	1767	19792	
ALL HOURS	MEAN	33.6	34.7	39.5	49.0	56.6	64.3	72.9	73.7	67.1	55.3	46.5	38.0	52.8	
	S. D.	8.109	8.538	8.414	8.458	6.379	5.530	3.136	3.103	6.157	7.047	7.655	7.757	15.566	
	TOTAL OBS	13387	11538	12648	12240	13378	12925	13378	13369	13513	14133	13669	14132	158310	

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N.C. 28801

## RELATIVE HUMIDITY

43310  
STATION

FUKUOKA KYUSHU JAPAN/ITAZUKI AB  
STATION NAME

46-64  
PERIOD

ALL  
MONTH

### CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	100.0	100.0	100.0	99.6	94.8	80.6	61.1	41.1	17.5	75.3	13387
FEB		100.0	100.0	99.9	98.8	92.0	78.1	61.1	41.3	16.4	74.3	11538
MAR		100.0	99.9	99.5	98.0	90.2	78.0	62.5	41.6	16.8	74.2	12048
APR		100.0	100.0	99.5	96.9	91.0	81.4	68.6	49.8	21.2	76.5	12240
MAY		100.0	99.9	99.3	97.2	92.0	83.6	71.4	53.8	24.4	77.8	13378
JUN		100.0	100.0	99.8	98.9	96.6	90.4	78.2	60.2	28.2	80.9	12925
JUL		100.0	100.0	100.0	100.0	99.4	93.9	78.3	56.4	23.3	80.8	13378
AUG		100.0	100.0	100.0	99.8	98.8	92.3	76.0	56.0	26.7	80.5	13369
SEP		100.0	100.0	100.0	99.7	97.8	91.7	78.7	61.4	28.9	81.5	13513
OCT		100.0	100.0	100.0	99.3	95.0	84.6	71.6	56.4	29.6	79.3	14133
NOV		100.0	100.0	100.0	99.5	94.0	82.5	69.7	53.1	25.8	78.1	13669
DEC		100.0	100.0	100.0	99.6	95.0	81.4	64.5	44.4	18.2	75.9	14132
TOTALS		100.0	100.0	99.8	99.0	94.8	85.0	70.3	51.4	23.2	78.0	158310

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N.C. 28801

# RELATIVE HUMIDITY

4331

FUKUOKA KYUSHU JAPAN/ITAZUKI AB

47-64

JAN

STATION

STATION NAME

PERIOD

MONTH

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	0-23	100.0	100.0	100.0	100.0	97.3	89.1	74.3	55.9	26.4	79.9	1674
	03-5	100.0	100.0	100.0	100.0	98.4	89.6	76.1	55.4	27.4	80.3	1671
	06-19	100.0	100.0	100.0	99.9	98.1	90.0	76.0	57.3	28.2	80.5	1674
	09-11	100.0	100.0	100.0	99.6	95.6	80.6	57.5	35.3	13.3	73.7	1674
	12-14	100.0	100.0	100.0	98.5	87.5	59.6	33.5	17.3	5.6	65.6	1674
	15-17	100.0	100.0	99.9	98.9	89.1	63.8	36.3	20.1	7.1	67.1	1672
	18-20	100.0	100.0	100.0	99.9	95.4	84.1	62.7	36.1	12.2	74.7	1674
	21-23	100.0	100.0	100.0	100.0	96.7	87.8	72.8	51.2	20.0	78.5	1673
TOTALS		100.0	100.0	100.0	99.6	94.8	80.6	61.1	41.1	17.5	75.0	13387



## RELATIVE HUMIDITY

48-64

FERN

STATION

STATION NAME:

PERIOD

MONTH \_\_\_\_\_

MONTH	HOURS (H.5.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
FEB.	30-02	100.0	100.0	100.0	100.0	98.3	91.4	81.5	61.8	25.3	81.3	1441
	3-5	100.0	100.0	100.0	99.9	97.9	91.1	80.6	62.2	27.7	81.4	1442
	06-08	100.0	100.0	100.0	99.9	97.6	90.2	80.0	61.1	24.3	80.9	1443
	09-11	100.0	100.0	100.0	98.6	91.3	74.0	49.8	27.3	10.1	70.7	1441
	12-14	100.0	100.0	99.7	95.5	77.3	51.1	30.7	16.1	6.7	63.2	1443
	15-17	100.0	99.9	99.8	96.7	80.4	55.0	31.3	16.8	7.1	64.2	1443
	18-20	100.0	100.0	99.9	99.6	95.0	80.6	57.2	31.7	11.9	73.1	1443
	21-23	100.0	100.0	100.0	100.0	98.5	91.7	77.8	53.1	18.2	79.4	1442
TOTALS		100.0	100.0	99.9	98.8	92.0	78.1	61.1	41.3	16.4	74.3	11538

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N.C. 28801

## RELATIVE HUMIDITY

43310

FUKUOKA KYUSHU JAPAN/ITAZUKE AB

48-64

MAR

STATION

STATION NAME

PERIOD

MONTH

### CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAR	00-02	100.0	100.0	100.0	100.0	98.6	94.9	85.3	65.7	28.5	82.9	1531
	03-05	100.0	100.0	100.0	99.9	97.8	94.3	86.1	67.9	31.1	83.0	1581
	06-08	100.0	100.0	100.0	99.8	98.0	92.7	84.3	62.6	27.6	82.0	1581
	09-11	100.0	100.0	99.6	97.4	85.8	66.2	44.3	23.8	9.2	68.2	1581
	12-14	100.0	99.7	98.0	92.4	72.0	49.2	29.4	15.5	5.7	61.9	1581
	15-17	100.0	99.7	98.5	95.2	77.4	53.7	32.6	16.4	6.4	63.5	1531
	18-20	100.0	100.0	100.0	99.4	93.4	78.7	57.2	29.5	9.3	72.3	1581
	21-23	100.0	100.0	100.0	99.7	98.4	94.5	80.7	51.7	16.8	79.8	1581
TOTALS		100.0	99.9	99.5	98.0	90.2	78.0	62.5	41.6	16.8	74.2	12648

## RELATIVE HUMIDITY

48-64

APR

STATION

STATION NAME

PERIOD

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
APR	00-02	100.0	100.0	100.0	100.0	99.8	98.0	93.2	76.1	35.6	85.8	1530
	03-05	100.0	100.0	100.0	100.0	99.6	98.2	92.2	77.1	40.3	86.4	1530
	06-08	100.0	100.0	100.0	99.9	99.1	95.8	87.7	68.2	32.1	84.0	1530
	09-11	100.0	100.0	99.5	95.1	84.1	67.1	47.5	28.4	9.0	68.7	1530
	12-14	100.0	99.9	98.1	88.6	73.0	54.3	36.4	22.4	6.4	63.4	1530
	15-17	100.0	100.0	98.8	92.6	77.8	59.4	38.6	22.5	7.7	65.5	1530
	18-20	100.0	100.0	99.9	99.0	94.9	82.1	63.7	38.4	13.5	74.7	1530
	21-23	100.0	100.0	99.9	99.9	99.3	96.7	89.6	65.7	24.6	83.2	1530
TOTALS		100.0	100.0	99.5	96.9	91.0	81.4	68.6	49.8	21.2	76.5	12240

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N.C. 28801

## RELATIVE HUMIDITY

43310  
STATION

FUKUOKA KYUSHU JAPAN/ITAZUKE AB  
STATION NAME

47-64  
PERIOD

MAY  
MONTH

### CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	00-02	100.0	100.0	100.0	100.0	100.0	99.5	95.6	83.2	44.1	88.0	1671
	03-05	100.0	100.0	100.0	100.0	100.0	99.7	97.4	85.6	49.8	89.1	1670
	06-08	100.0	100.0	100.0	100.0	99.7	98.1	90.6	71.1	33.5	85.0	1670
	09-11	100.0	100.0	99.2	96.3	86.4	69.4	48.5	28.0	8.7	69.2	1673
	12-14	100.0	99.9	97.5	90.3	75.9	57.3	39.4	21.7	6.9	64.4	1674
	15-17	100.0	99.7	98.1	92.9	80.3	62.2	40.2	23.6	8.2	66.1	1673
	18-20	100.0	100.0	99.6	98.6	94.5	84.8	65.6	41.6	13.9	75.4	1673
	21-23	100.0	100.0	100.0	99.9	99.5	98.0	93.7	75.4	30.4	85.3	1674
TOTALS		100.0	99.9	99.3	97.2	92.0	83.6	71.4	53.8	24.4	77.8	13378

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N.C. 28801

## RELATIVE HUMIDITY

43310  
STATION

FUKUOKA F.P.O., JAPAN / IZUKE AB  
STATION NAME

47-64  
PERIOD

JUN  
MONTH

### CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	00-02	100.0	100.0	100.0	100.0	100.0	99.6	97.4	90.9	48.8	89.4	1616
	03-05	100.0	100.0	100.0	100.0	100.0	99.8	98.3	92.0	54.7	90.9	1617
	06-08	100.0	100.0	100.0	100.0	99.9	99.1	94.7	79.0	36.5	86.8	1613
	09-11	99.9	99.9	99.4	98.3	93.8	81.4	60.4	35.4	13.7	73.7	1617
	12-14	100.0	99.9	99.2	95.5	88.6	73.8	48.2	26.5	9.8	69.7	1617
	15-17	100.0	100.0	99.7	97.9	92.2	77.7	52.3	28.0	10.5	71.4	1613
	18-20	100.0	100.0	99.9	99.6	98.5	92.8	78.3	48.5	16.3	79.0	1615
	21-23	100.0	100.0	100.0	100.0	100.0	99.2	95.8	81.4	35.4	86.9	1617
TOTALS		100.0	100.0	99.8	98.9	96.6	90.4	78.2	60.2	28.2	80.9	12925

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N.C. 28801

## RELATIVE HUMIDITY

43310

FUKUOKA KYUSHU JAPAN/ITAZUKI AB

47-64

JUL

STATION

STATION NAME

PERIOD

MONTH

### CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	00-02	100.0	100.0	100.0	100.0	100.0	99.4	98.1	86.2	38.6	88.0	1674
	03-05	100.0	100.0	100.0	100.0	100.0	99.6	98.3	88.3	42.4	88.7	1671
	06-08	100.0	100.0	100.0	100.0	100.0	99.7	96.6	76.2	30.4	86.1	1673
	09-11	100.0	100.0	100.0	100.0	99.6	92.3	62.2	30.2	10.9	75.1	1673
	12-14	100.0	100.0	100.0	99.9	97.6	79.8	46.2	22.5	8.7	71.1	1672
	15-17	100.0	100.0	100.0	99.9	98.2	84.5	52.0	25.7	9.6	72.6	1674
	18-20	100.0	100.0	100.0	100.0	99.8	96.7	77.1	45.0	14.3	78.8	1670
	21-23	100.0	100.0	100.0	100.0	99.9	99.5	95.9	77.0	31.3	85.9	1671
TOTALS		100.0	100.0	100.0	100.0	99.4	93.9	78.3	56.4	23.3	80.8	13378

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N.C. 28801

## RELATIVE HUMIDITY

43310  
STATION

FUKUOKA KYUSHU JAPAN/ITAZUKI AB  
STATION NAME

47-64  
PERIOD

AUG  
MONTH

### CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
AUG	00-02	100.0	100.0	100.0	100.0	100.0	99.9	97.8	91.3	52.4	89.5	1673
	03-05	100.0	100.0	100.0	100.0	100.0	99.8	98.3	92.5	54.9	90.3	1672
	06-08	100.0	100.0	100.0	100.0	100.0	99.7	97.5	82.3	37.4	87.3	1673
	09-11	100.0	100.0	100.0	99.9	99.2	90.3	58.6	19.7	5.5	72.9	1674
	12-14	100.0	100.0	100.0	99.4	95.2	73.1	35.2	12.9	5.0	67.7	1673
	15-17	100.0	100.0	100.0	99.5	96.7	80.9	45.2	18.7	6.1	70.3	1665
	18-20	100.0	100.0	100.0	99.9	99.5	95.7	79.0	45.7	13.4	79.0	1668
	21-23	100.0	99.9	99.9	99.9	99.9	99.4	96.8	84.8	38.5	87.4	1671
TOTALS		100.0	100.0	100.0	99.8	98.8	92.3	76.0	56.0	26.7	80.5	13369

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N.C. 28801

# RELATIVE HUMIDITY

43310

FUKUOKA KYUSHU JAPAN/ITAZUKE AB

46-64

SEP

STATION

STATION NAME

PERIOD

MONTH

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
SEP	00-02	100.0	100.0	100.0	100.0	100.0	99.7	98.6	92.1	52.1	90.1	1687
	03-05	100.0	100.0	100.0	100.0	100.0	99.8	98.6	93.3	57.0	90.9	1689
	06-08	100.0	100.0	100.0	100.0	99.9	99.5	97.7	88.4	45.1	88.9	1686
	09-11	100.0	100.0	100.0	99.8	97.7	86.9	63.8	30.7	8.7	74.4	1692
	12-14	100.0	100.0	99.8	98.7	90.6	71.3	40.3	18.6	6.0	68.1	1689
	15-17	100.0	100.0	99.9	99.1	94.6	79.5	47.5	23.4	7.6	70.8	1687
	18-20	100.0	100.0	100.0	100.0	99.5	76.9	85.0	56.2	15.6	80.9	1691
	21-23	100.0	100.0	100.0	100.0	100.0	99.9	98.2	88.4	38.8	88.1	1692
TOTALS		100.0	100.0	100.0	99.7	97.8	91.7	78.7	61.4	28.9	81.5	13513



## RELATIVE HUMIDITY

OCT  
MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
OCT	00-02	100.0	100.0	100.0	100.0	99.9	98.9	96.7	89.2	55.0	89.8	1767
	03-05	100.0	100.0	100.0	100.0	99.9	98.8	96.4	88.8	62.0	90.3	1767
	06-08	100.0	100.0	100.0	100.0	99.7	98.8	95.5	86.2	51.2	89.0	1767
	09-11	100.0	100.0	100.0	99.2	93.9	75.4	50.8	26.7	5.4	70.6	1767
	12-14	100.0	100.0	99.9	96.9	79.5	49.5	23.5	11.2	4.1	62.0	1767
	15-17	100.0	100.0	99.9	90.1	88.3	61.1	33.4	14.9	4.1	65.5	1766
	18-20	100.0	100.0	100.0	100.0	99.3	96.3	81.2	51.7	13.4	79.9	1767
	21-23	100.0	100.0	100.0	100.0	99.9	98.1	95.0	82.9	41.8	87.4	1765
TOTALS		100.0	100.0	100.0	99.3	95.0	84.6	71.6	56.4	29.6	79.3	14133

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N.C. 28801

## RELATIVE HUMIDITY

4331C  
STATION

FUKUOKA KYUSHU JAPAN/ITAZUKE AB  
STATION NAME

46-64  
PERIOD

NOV  
MONTH

### CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
NOV	00-02	100.0	100.0	100.0	99.8	99.1	96.8	92.6	81.1	46.3	87.2	1707
	03-05	100.0	100.0	100.0	100.0	98.9	96.4	91.7	81.5	49.6	87.5	1757
	06-08	100.0	100.0	100.0	100.0	99.6	96.5	90.9	79.0	45.7	86.8	1707
	09-11	100.0	100.0	100.0	99.6	94.3	76.1	53.8	29.6	8.4	71.8	17.9
	12-14	100.0	100.0	99.9	97.1	76.3	46.7	25.5	12.0	3.5	61.7	1710
	15-17	100.0	100.0	99.9	99.2	85.4	57.8	32.5	16.7	5.1	65.2	1710
	18-20	100.0	100.0	100.0	99.9	98.8	93.1	79.2	48.2	14.7	79.1	1710
	21-23	100.0	100.0	100.0	100.0	99.4	96.8	91.4	76.8	33.2	85.4	1709
TOTALS		100.0	100.0	100.0	99.5	94.0	82.5	69.7	53.1	25.8	78.1	13669

DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N.C. 28801

## RELATIVE HUMIDITY

43310  
STATION

FUKUOKA KYUSHU JAPAN/ITAZUKE AB  
STATION NAME

46-64  
PERIOD

DEC  
MONTH

### CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
DEC	00-02	100.0	100.0	100.0	100.0	98.8	92.2	83.2	65.5	29.8	82.5	1765
	03-05	100.0	100.0	100.0	99.9	98.3	91.8	83.3	67.1	32.2	82.8	1765
	06-08	100.0	100.0	100.0	100.0	98.8	92.2	81.4	64.0	29.7	82.1	1767
	09-11	100.0	100.0	100.0	99.5	95.8	80.9	56.3	30.4	8.8	72.7	1767
	12-14	100.0	100.0	100.0	98.6	84.2	55.1	28.7	12.1	3.5	63.7	1767
	15-17	100.0	100.0	100.0	99.2	88.5	60.3	31.9	15.0	4.4	65.5	1767
	18-20	100.0	100.0	100.0	99.9	97.5	87.4	69.7	40.0	11.9	76.3	1767
	21-23	100.0	100.0	100.0	100.0	98.4	91.5	81.8	61.3	25.7	81.2	1767
TOTALS		100.0	100.0	100.0	99.6	95.0	81.4	64.5	44.4	18.2	75.9	14132

DATA PROCESSING DIVISION  
ETAC/USAF  
AIR WEATHER SERVICE (MATS)  
ASHEVILLE, NORTH CAROLINA

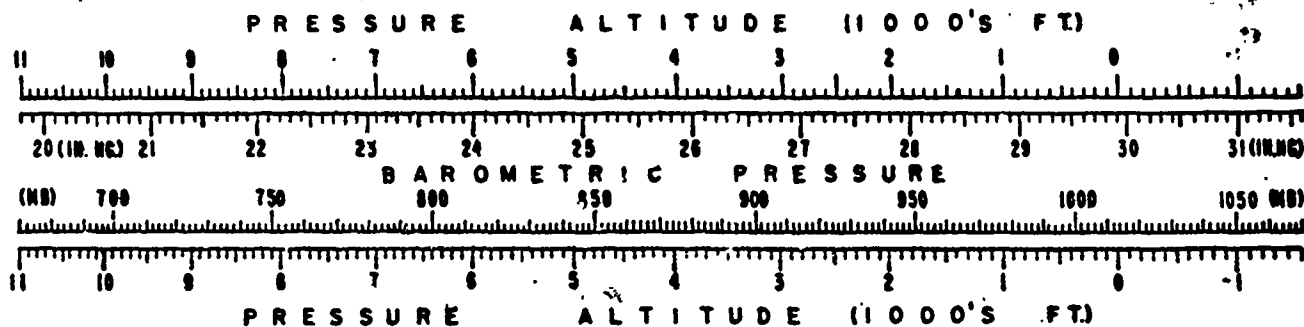
## PART F

## PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited to January 1946 through December 1963 because of changes in reporting practices before and after those dates.

1. Station pressure in inches of mercury.
2. Sea-level pressure in millibars.

Provided below is a scale to convert pressure values in inches of mercury or millibars to pressure altitude in 1000's of feet. This scale is an enlarged model of the pressure altitude scale in the Smithsonian Meteorological Tables.



DATA PROCESSING DIVISION  
ETAC, USAF  
ASHEVILLE, N. C. 29801

## MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

43310 FUKUOKA KYUSHU JAPAN/ITAZUKE AB 46-63

STATION	STATION NAME	YEARS												
HRS (LST)		JAN	FEB.	MAR	APR.	MAY	JUN	JUL	AUG	SEP	OCT.	NOV	DEC	ANNUAL
00	MEAN S. D. TOTAL OBS	30.114 .163 527	30.094 .154 452	30.060 .156 496	29.976 .149 480	29.860 .143 527	29.752 .120 510	29.744 .108 527	29.755 .139 527	29.850 .151 533	30.021 .141 558	30.122 .138 540	30.152 .144 558	29.958 .218 6235
03	MEAN S. D. TOTAL OBS	30.110 .162 527	30.086 .151 452	30.045 .158 496	29.956 .152 480	29.838 .145 527	29.731 .127 510	29.726 .111 527	29.739 .143 527	29.833 .153 532	30.008 .136 557	30.110 .141 540	30.144 .144 557	29.944 .212 6232
06	MEAN S. D. TOTAL OBS	30.104 .164 527	30.084 .149 452	30.044 .160 496	29.958 .155 480	29.845 .146 527	29.737 .131 510	29.732 .113 527	29.743 .150 527	29.836 .152 531	30.011 .135 557	30.109 .144 539	30.141 .145 558	29.945 .211 6231
09	MEAN S. D. TOTAL OBS	30.134 .165 527	30.115 .152 452	30.073 .164 496	29.984 .155 480	29.864 .145 526	29.750 .130 510	29.746 .113 527	29.757 .151 527	29.862 .143 533	30.043 .137 558	30.141 .147 540	30.171 .146 558	29.970 .216 6234
12	MEAN S. D. TOTAL OBS	30.123 .165 527	30.105 .151 452	30.061 .162 496	29.971 .153 480	29.853 .142 527	29.740 .127 510	29.736 .111 527	29.748 .140 527	29.852 .139 533	30.021 .132 558	30.118 .145 540	30.153 .147 558	29.957 .212 6235
15	MEAN S. D. TOTAL OBS	30.082 .163 527	30.057 .154 452	30.018 .155 496	29.931 .149 480	29.821 .136 527	29.716 .124 506	29.696 .412 527	29.719 .136 527	29.816 .135 532	29.980 .131 557	30.081 .141 538	30.113 .145 558	29.919 .237 6227
18	MEAN S. D. TOTAL OBS	30.096 .161 526	30.070 .149 452	30.024 .153 496	29.928 .149 480	29.813 .136 526	29.710 .119 510	29.705 .109 527	29.715 .135 524	29.819 .139 532	29.991 .133 558	30.097 .139 540	30.130 .144 558	29.925 .211 6229
21	MEAN S. D. TOTAL OBS	30.120 .161 527	30.093 .151 452	30.055 .153 496	29.966 .149 480	29.847 .142 527	29.741 .117 510	29.734 .108 527	29.750 .136 527	29.855 .146 533	30.025 .142 558	30.125 .139 540	30.151 .146 558	29.955 .210 6235
ALL HOURS	MEAN S. D. TOTAL OBS	30.110 .163 4215	30.088 .152 3616	30.047 .158 3968	29.959 .153 3840	29.843 .143 4214	29.735 .125 4076	29.727 .179 4216	29.741 .142 4213	29.840 .146 4259	30.012 .137 4461	30.113 .143 4317	30.144 .146 4463	29.947 .215 49858

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## MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

43310 FUKUOKA KYUSHU JAPAN/ITAZUKE AB 46-63

STATION		STATION NAME												YEARS	
HRS (LST)		JAN	FEB.	MAR	APR.	MAY	JUN	JUL	AUG.	SEP	OCT	NOV	DEC	ANNUAL	
CC	MEAN	1020.8	1020.2	1019.1	1016.2	1012.3	1008.6	1008.3	1008.7	1011.9	1017.7	1021.1	1022.2	1015.6	
	S. D.	5.509	5.220	5.253	5.046	4.833	4.073	3.654	4.699	5.101	4.766	4.661	4.863	7.38	
	TOTAL OBS	527	452	496	480	527	510	527	527	533	558	540	558	6235	
C3	MEAN	1020.7	1019.9	1018.6	1015.5	1011.5	1007.9	1007.7	1008.2	1011.3	1017.2	1020.7	1021.9	1015.1	
	S. D.	5.466	5.134	5.335	5.143	4.897	4.339	3.765	4.844	5.164	4.583	4.753	4.854	7.176	
	TOTAL OBS	527	452	496	480	527	510	527	527	532	558	540	557	6233	
C6	MEAN	1020.5	1019.9	1018.5	1015.6	1011.7	1008.1	1007.9	1008.3	1011.4	1017.4	1020.7	1021.8	1015.1	
	S. D.	5.536	5.070	5.410	5.238	4.777	4.444	3.820	5.067	5.157	4.538	4.853	4.876	7.134	
	TOTAL OBS	527	452	496	480	527	510	527	526	530	558	540	558	6231	
09	MEAN	1021.5	1020.9	1019.5	1016.5	1012.4	1008.5	1008.4	1008.9	1012.3	1018.4	1021.8	1022.7	1016.0	
	S. D.	5.556	5.130	5.538	5.254	4.908	4.414	3.835	4.877	4.851	4.507	4.964	4.992	7.271	
	TOTAL OBS	527	452	496	480	527	510	527	527	532	557	540	558	6233	
12	MEAN	1021.2	1020.6	1019.1	1016.1	1012.0	1008.2	1008.1	1008.5	1012.0	1017.7	1021.0	1022.2	1015.5	
	S. D.	5.577	5.119	5.479	5.172	4.779	4.313	3.786	4.741	4.686	4.450	4.885	4.943	7.169	
	TOTAL OBS	527	452	496	480	527	510	527	527	533	558	540	558	6235	
15	MEAN	1019.8	1019.0	1017.6	1014.7	1010.9	1007.4	1007.3	1007.5	1010.8	1016.3	1019.7	1020.8	1014.3	
	S. D.	5.500	5.043	5.221	5.051	4.615	4.193	3.729	4.606	4.531	4.414	4.742	4.873	6.932	
	TOTAL OBS	527	451	496	480	527	506	527	527	532	557	540	558	6228	
18	MEAN	1020.3	1019.4	1017.8	1014.6	1010.7	1007.2	1007.0	1007.3	1010.9	1016.7	1020.3	1021.4	1014.5	
	S. D.	5.437	5.032	5.151	5.036	4.594	4.037	3.692	4.567	4.695	4.494	4.707	4.865	7.139	
	TOTAL OBS	527	452	496	480	526	510	527	524	530	558	540	558	6228	
21	MEAN	1021.0	1020.2	1018.9	1015.9	1011.8	1008.2	1008.0	1008.5	1012.1	1017.8	1021.2	1022.1	1015.5	
	S. D.	5.455	5.123	5.186	5.041	4.700	3.979	3.668	4.598	4.925	4.785	4.711	4.917	7.106	
	TOTAL OBS	527	452	496	480	527	510	527	527	532	558	540	558	6234	
ALL HOURS	MEAN	1020.7	1020.0	1018.6	1015.6	1011.7	1008.0	1007.8	1008.2	1011.6	1017.4	1020.8	1021.9	1015.2	
	S. D.	5.523	5.136	5.352	5.159	4.815	4.250	3.769	4.777	4.919	4.608	4.817	4.911	7.141	
	TOTAL OBS	4216	3615	3968	3840	4215	4076	4216	4212	4254	4462	4320	4463	49857	